GREAT CONNECTIONS

SUPRA ®Cables
MADE IN SWEDEN
by JENVING TECHNOLOGY

English edition

Legacy

Prior to 1976, speaker cables were just cables, often plain electrical cords similar to house-hold lighting flex, up to 2.5mm at most. Then came Supra...

It started with Supra Classic 2.5mm, a huge step up which shook the Hi-Fi world and from there-on, many followed our inventive ideas. Supra has won an impressive number of awards all over the world often in comparison with more expensive competitors.

After our trend setting introduction in 1976 and our serious approach to Hi-Fi interconnects, Supra has contributed with numerous products e.g. LoRad, Sword, and Ply, to the latest Cat7+, USB and ground breaking Quadrax. And, still there are new products just waiting to be launched.

Concept

The Supra concept, or perhaps more correctly, the Supra philosophy is best described as plain and simple No-Nonsense-Design.

All products should be manufactured from parts meeting the highest audible and measureable quality standards.

- The products should be innovative and derived from established science principles.

- We manufacture in our own dedicated production facilities, constantly monitored by our certified quality staff, here in Ljungskile, in Sweden!

Visit our factory

Cover photo: "Night view of Europe" by Mopic, Graphic Design: ClayOne studios
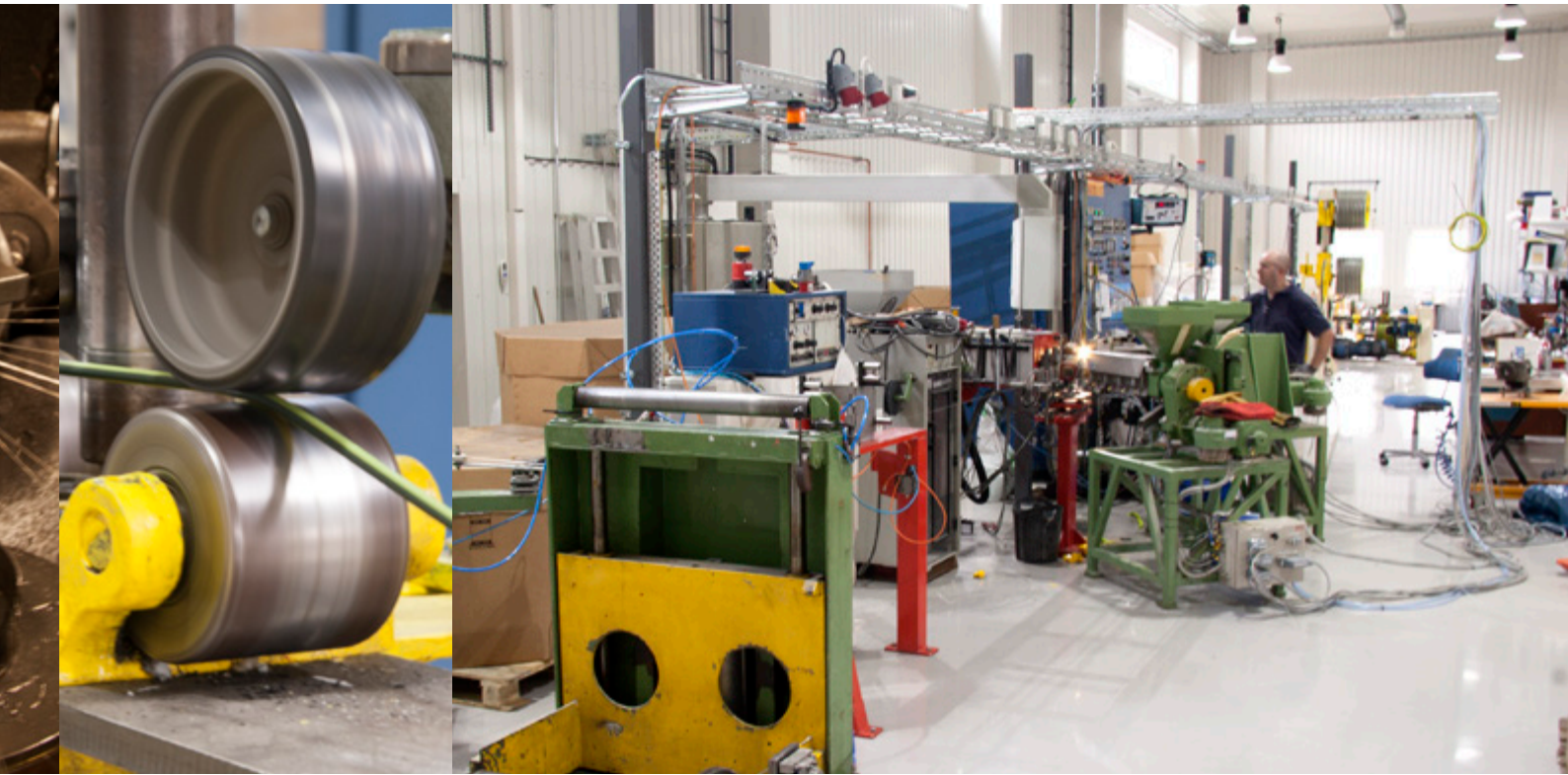
Manufacturing

We have chosen to produce in proprietary facilities in Sweden. By investing in this, we control the entire process and can guarantee the top notch Supra quality we are renown of. Further it allows us to efficiently implement improvements, fine tune the manufacturing process and shorten lead time. Our expansion plans include increasing our production capability by a further 1500 sqm.

Quality

All cables are subject to the highest level of scrutiny and is measured manually using modern and advanced test equipment. The cables are marked with batch number allowing us to back trace time, parts and personnel.

Please join us on Facebook and Twitter

Tommy Jenving
1945-2011

Tommy Jenving, founder and CEO of
Jenving Technology AB, passed away
11 November 2011.

He was an innovator, inventor and entrepreneur.
Further, he was a very rational intellectual and
considerate human being whose ingenuity formed
the unique Supra design and solved many technical
problems. The SUPRA organisation will continue to
manage his legacy and strive to make both him and
our customers proud of our products.

Team SUPRA Cables
Jenving Technology AB,
Sweden

SUPRA ®Cables
MADE IN SWEDEN

HDMI

DVI

INDEX

SUPRA ®
Hdmi

SUPRA ®*Cables*
MADE IN SWEDEN

HDMI & DVI

HDMI & DVI

Highest bandwidth

The bit rate surpasses all previous picture resolutions and now reaches 2160p / 4K Ultra HD format (UHDTV) and supports a minimum resolution of 3840 * 2160 pixels. The demands from the new picture resolutions and sound formats are enormous and challenge both materials and design of the cables. Supra continues to work in the forefront of digital video technology and has developed two brand new digital cables as always according to our No-Nonsense Design concept. We call them HD5 and HD7.

Design

HD5 and HD7 consists of 5 and 7 twin pairs, individual shielding per cable and dual screens for each pair, for best noise suppression and highest bandwidth. In practice, we consider the triple screen design to be the only effective way to transmit high frequency signals "without being prone to external interference.
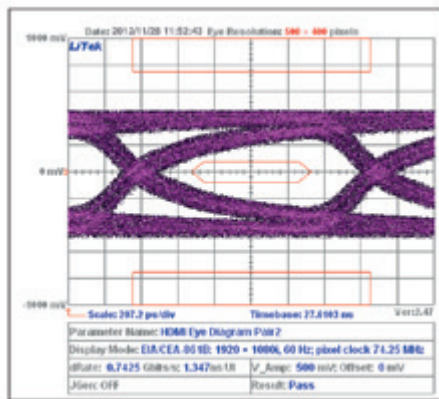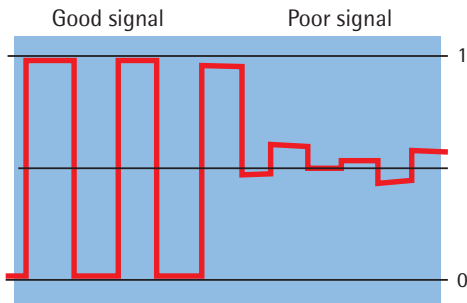
30m HDMI

HD5 has evolved into a cable that, after very thorough testing, now connects compatible equipment at an assuring 1080p @24fps up to 30 metres! This makes SUPRA a world leader for high bandwidth HDMI cables and delivers astonishing performance at a moderate price. Did anyone say No-Nonsense?

DVI Dual Link

HD7 is a HD5 with an additional pair of conductors for the purpose of high bandwidth for computer screens. Screen resolutions of 3840*2400 @33Hz, 2560*1600 @60Hz and 2560*1440 @60Hz, on new generation >27inch screens, set new standards of both picture quality and cable design. DVI Single Link provide for resolutions of 1920*1200 @60Hz.

Item	Mechanical Specifications												Electrical Specifications			
	Application Examples	Standard	Cable	Cross. Area (mm²/AWG)	Wire Material	Insulation	Inner Screen Coverage	Comm. Conduct.	Outer Screen Coverage	Jacket	Flam Retard. Halogen Free	Ext. Size (mm)	Weight (g/m)	R (Ω/km)	C (pF/m)	Imp. Z (Ω)	Velo. Factor
HD5	HDMI &	High Speed	Single-	0,26 / 23	Solid	PE	Alu/PET	5 x	Alu/PET	PVC	No	Ø9.5	106	82	42	100	0.8c
HD5/H	DVI-D 18+1	with Ethernet	link	5xTMDS		Foam	Foil, 100%	AWG26	foil &	PE	Yes, see p45						
HD7	DVI-D	Digital Visual	Dual-	0,26 / 23	OFC			PE	braid	PVC	No	Ø11	142				
HD7/H	24+1	Interface	link	7xTMDS					100%	PE	Yes, see p45						

Additional product information available in the final section

Good signal   Poor signal

Approved Eye-pattern diagram; 20m SUPRA HDMI.

HDMI

High resolution picture and sound

We often meet scepticism when we talk about HDMI cables. "Does it really matter?" "I mean, it's only a data stream?

Yes, it is a stream of digital bits. Yes, it does matter. Unfortunately there is an intermediate state before the signal is so corrupt it cannot be read and blanks out. Many claim that if the screen shows, the signal is good enough. There is circuitry in the receiver which tries to repair broken data stream by buffering and error correction, but this is based on best possible estimates and is not necessarily what was sent. You might experience sync problems (delays), distorted colorations, insufficient blackness, noise and unexplainable audible pops during which the hardware is working overtime trying to repair the fragile bitstream.
Do your precious hardware the best possible favour you can by connecting it using SUPRA HDMI cables and both you and your equipment will fully enjoy the show.

Colours

- ■ Anthracite
- ■ Ice blue
- □ White

HDMI ■

Features & benefits

- Transmits today's challenging formats flawlessly
- Future proof – Meets today's HDMI standard and known requirements of tomorrow.
- Sturdy design – Withstand the normal installation abuse.
- 23AWG leads – For minimum losses.
- Triple screen technology – Provides for long distance clearance hence freedom of installation with maintained signal integrity.
- Made in Sweden, three step quality plan – Unsurpassed quality and reliability.

HDMI™ HIGH SPEED with ETHERNET   3D   x.v.Color

Additional product information available in the final section

HDMI MET-S/B ■

The SUPRA HDMI MET-S/B (Metal connector straight/bent) is the alternative for in-wall installation in 20mm pipes and 25mm conduits.
The unique, patented, design allows the contact housing to be removed prior to installation without compromising the contact connectivity.

The housing is easily removed by simply undoing two screws. There are two versions of housing supplied: one straight and one bent, to provide a choice of connection angle.

When it comes to performance, there is no down-specification by choosing the most convenient SUPRA HDMI Cable and is therefore available up to 30m length.

HDMI Extender

The HDMI Extender is built around highly sophisticated circuitry allowing support of the latest HDCP version 1.2 (High Bandwidth digital Content Protection). It is compatible with all HDMI hardware available today. Further it supports CEC (Consumer Electronic Control). The application for CEC is called Simplink for LG, Bravia for Sony and Anynet+ for Samsung, among others. It is a protocol allowing one remote control to operate up to ten units, provided they all are compatible to CEC.

The HDMI Extender chassis in stylish sandblasted aluminium provides for maximum noise suppression.

The kit consists of:

1 pc Transmitter

1 pc Receiver

1 pc AC-adapter

1 pc User's guide

HDMI and network cables are sold separately.

Require HDMI cable length >30metre?

The main HDMI limitation is cable length. If longer cables than 30metres are required, amplification is needed. Standard A/V equipment is designed for shorter distances and does not provide sufficient signal strength and stability over 30metres. SUPRA HDMI Extender uses a pair of network cables (such as Supra Cat7+) and enables the transmitting of FullHD (full high definition picture 1080p @24fps), 3D and all of todayís high resolution audio formats such as DTS-HD, DTS-Master Audio, Dolby TrueHD and LPCM 7.1 (Digital Theater System Inc., Linear Pulse Code Modulation) over 100metres while still allowing substantial bandwidth headroom and noise immunity.

Additional product information available in the final section

DVI-D

DVI (Digital Visual Interface) is a standard for digital picture transmissions between e.g. computers, screens and projectors. SUPRA DVI is designed to transmit signals up to 30metres. The cable is equipped with 24K gold plated connectors and a contact housing made of aluminium to further avoid signal degradation which it is possible to remove while installing. There are two versions of DVI; Dual and Single Link. They perform as follows:

- Dual Link: 3840*2400@33Hz (WQUXGA[1]), 2560*1600@60Hz and 2560*1440@60Hz (WQXGA[1])
- The contact consists of 24+1 gold plated connectors
- Single Link provide for resolutions of 1920*1200@60Hz (WUXGA[1])
- The contact consists of 18+1 gold plated connectors

1. Refer to proper computer dictionary for various screen resolution description and their respective designation.

HDMI-DVI

The Supra HDMI-DVI cables connect computers, media players and screens for video and graphic images. SUPRA HDMI-DVI maintains the signal integrity up to >30metres cable length and allows transmissions in both directions i.e. the cable is bi-directional.

It is available in two versions; HDMI-DVI and HDMI-DVI MET-S/B.

- HDMI-DVI is supplied with a moulded HDMI contact at one end and a removable DVI housing (the housing can be removed, but the contact block cannot).   Provides for maximum resolution of 1920*1080P@60, 30 and 24fps (Hz).
- HDMI-DVI MET-S/B is supplied with a removable HDMI contact housing as described in the previous section (page 8), and a removable DVI contact housing as described above. Provides for maximum resolution of 1920*1080P@60, 30 and 24fps (Hz).

HDMI-DVI and DVI-HDMI adapters

Occasionally an adapter is needed to connect the numerous contact hardware combinations the modern integrated multimedia equipment offers. Choose from HDMI to DVI or, if required, the opposite. All stylish, plated with 24K gold and as always keeping signal integrity strong. Simply SUPRA.

HDMI SA 90+ and SA 90- adapters

Whenever a tight turn 90 degrees left (SA90-) or right (SA90+) is required, there is always a stylish, 24K gold plated adapter available from SUPRA Cables maintaining signal integrity.

HDMI & DVI HDMI MET-S/B

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Additional product information available in the final section
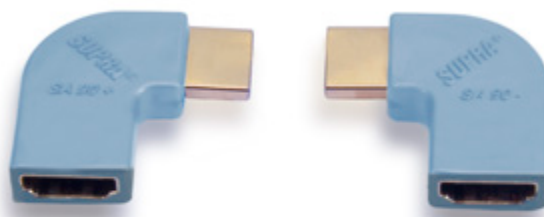
POWER

SUPRA LoRad

LoRad is short for Low Radiation.
SUPRA LoRad is the only patented
shielded power cord in the world that
without any exceptions meets the
tough European safety regulation
HD 21.5 S3.

In short this means that neither you,
nor your precious equipment is exposed
to harmful and signal degrading
electrical and magnetic fields.
The electrical field is isolated by an
innovative shield, designed by Tommy
Jenving, and by twisting the conductors
with a short pitch, the magnetic field
is cancelled.

LoRad earth conductor 40% yellow
and 60% green circumference surface

Light green insulation. 20% of c.s.

Dark green semi-conductive plastic
20%+20% = 40% of c.s.

LoRad Series

3*1,5mm² 3*2.5mm²

Yellow insulation. 40% of c.s.

Conductor. 1.5 mm or 2.5 mm
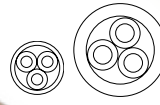
LoRad patented shielded mains flex 110-240VAC

LoRad means LOw RADiation and minimize both electrical and magnetic fields. LoRad protects both from fields radiating from the cable and pick-up of surrounding noise fields, e.g. wireless and mobile phones, radio broadcasts, etc.

The radiation is lowered by means of two techniques. First the patented shield minimizing the alternating electrical fields from the cable. It also minimizes the RF pick-up (Radio Frequency). The magnetic fields are cancelled by twisting the conductors in a short pitch.

The benefits are cleaner sound, pronounced transients and an improved 3D soundstage. We also hear customers describe more detailed sound and we are not surprised. If your equipment is installed using SUPRA cables, the noise floor is generally suppressed by several dB, allowing more of the content to be revealed.

TRY!

You can easily test the power cord radiation with AC field sensor.

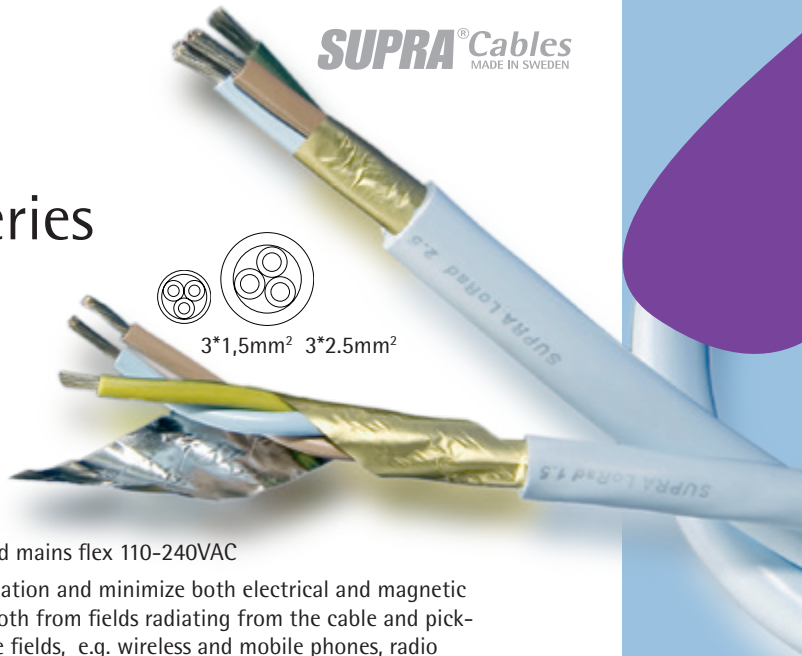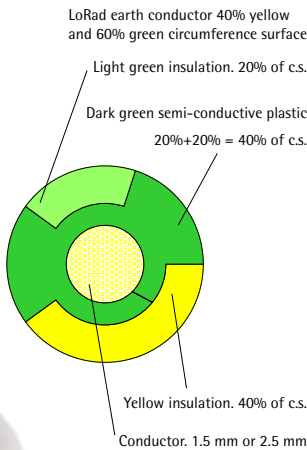Hold the sensor tip to a cable and if it lit, the cable radiates an electrical field. The cable need to be connected to a live wall socket.

Low radiating cables is also increasingly important from a health point of view. Science has proven that alternating magnetic fields affects cell growth.

The LoRad secret is the yellow/green earth lead. Prior to SUPRA LoRad all shielded cables consisted of four conductors; live, neutral, earth/safety ground and a fourth lead, the drain wire, which is always connected to the shield. So far no one had successfully passed the 30,000-operation flex test without the drain wire cutting and in turn damaging and shorting out the inner conductors. Now we did something unexpected as usual. We simply merged the safety ground lead with the drain wire and insulated the combination lead with a semi-conducting plastic allowing the shield to remain in contact with the drain along the entire cable length. No separate drain wire was needed anymore; the cable passed the flex test allowing us to launch an all new cable design, world patent by SUPRA.

LoRad is the only shielded cable meeting the European safety regulation HD 21.5 S3. The cable must be connected to a wall socket with a ground terminal for the full LoRad effect.

Now, try the SUPRA LoRad instead and you will find no indication.

Applications:

• Hi-Fi and studios
• Medical equipment
• Laboratories
• EHS (electro hypersensitivity)
• Noise critical installations

Selected customers:

• Swedish National Laboratory of Forensic Science, SKL
• Swedish Air Force (JAS Project)
• Hospitals
• A majority of European air traffic control towers

Approved according to HD 21.5 S3

LORAD

Item	Mechanical Specifications									Electr. Specifications		
	Cross. Area (mm²/AWG)	No. Cond.	No. Wires	Wire Dia. (mm)	Wire Material	Insulation	Screen Coverage	Jacket	Ext. Size (mm)	Weight (g/m)	R (Ω/km)	Voltage Nom. (V)	Current Nom. (A)
LoRad 3G1,5	1.5 / 15	3	90	0,15	Tinplät.	2 layers	Aluminium/PET	Heat & Ageing	Ø8,5	103	10,8	250	10
LoRad 3G2,5	2.5 / 13		320	0.10	OFC	PVC	foil, 100%	Resitant PVC	Ø11	170	6.8		16

Additional product information available in the final section

SUPRA ®Cables
MADE IN SWEDEN

LoRad
Mains Block

LoRad Mains Block with Aluminium Housing

Thanks to the aluminium chassis connection to the safety ground/drain wire, SUPRA LoRad mains blocks are completely free of electrical field radiation and pick-up as long as it is connected to a wall socket with ground terminal. For maximum shield effect, utilise a SUPRA LoRad Mains Cables in combination with the Mains Block. Refer to page 14.

2nd PLACE
award in category
ACCESSORY OF THE YEAR 2012
goes to
SUPRA filters

ETL · UL LISTED · CE

P · (S) · CE

BS1363 · CE
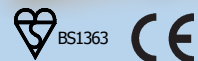
● Three-way Surge Protection

SP is an abbreviation of Surge Protection, a SUPRA three-way protection device: phase (also live) to ground, neutral to ground and phase to neutral. Other surge protectors may offer phase to neutral only, while field surges by proximate lightning remains unprotected. Lightning is always referred to earth (ground potential).

● SUPRA NIF Transient Filter

All models are equipped with SUPRA NIF (non-intrusive filtering), a filter that does not harm the dynamics or the transients of the music. It is developed by Ben Duncan Research in UK.

MD06–US

NEMA-15 sockets according to American standard. Input connector according to IEC-320. 15 amp fuse and NIF filter.

MD06–US/SP

As above and in addition the SUPRA 3-way surge protection.

MD06–EU

Schuko EU sockets. Input connector according to IEC-320. 10 amp fuse and NIF transient filter.

MD06–EU/SP

As above and in addition the SUPRA 3-way surge protection.

MD06–BS/SP

UK 13A sockets according to British standard BS1363/A. Input connector according to IEC-320. NIF transient filter and the SUPRA 3-way surge protection.

Item	Mechanical Specifications														Electr. Spec.	
	Filter Type	Surge Protection	Connectors, High Voltage			Radio TV	Network Sat	Tel/Fax	Pin Material	Chassis	Fuse	Ext. Size LxBxH (cm)			Voltage Nom. (V)	Current Nom. (A)
			Input		Output											
MD06-BS/SP	NIF Transient Filter	3-way	MCH-10	->	6 x BS1363/A				24K Gold Plated Brass	Earthed Alum-inium	-	47x9,5x5,5			240	13
MD06-EU		-	MCH-10	->	6 x Schuko, EU/Fr						10 A	38x9,5x5,5				10
MD06-EU/SP		3-way	MCH-10	->	6 x Schuko, EU/Fr							42x9,5x5,5				
MD06-US		-	MCH-10	->	6 x Nema-15						15 A	32x8,5x5			110	15
MD06-US/SP		3-way	MCH-10	->	6 x Nema-15							36x8,5x5				
MD08-EU/SP			MCH-16	->	8 x Schuko, EU/Fr	X	X	X	X	X	-	65x9,5x5,5			240	16

Additional product information available in the final section

Surge protection for:

Satellite Receiver/CATV

Radio aerial

TV aerial

RJ45 data network/internet

Tele/fax/modem

Not enough power?

MD08-EU/SP – The complete solution

Modern multimedia systems often consists of many units and they all require power. The MD08 include eight Schuko EU sockets and is sufficient in most cases.

Further the mains block also include NIF filtering and surge protection for the power and surge protection for the various aerials, network and internet connections.

Input connector according to IEC-320 16 amp (International standard).

🟢 SP - Three-way Surge Protection
🔴 NIF - Non-Intrusive Filtering

16 amp+ground sockets!
Suitable Mains Flex cords is LoRad 2.5
CS-EU-16 (refer to page 14 for details).

Note!
SUPRA Mains Blocks must be connected to a ground terminal socket for the various protections and filters to become active.

Hazard!

Supra provides this safety warning when arranging a grounding point other than provided in approved power outlet sockets! Grounding, by means of connection to radiators or any other interior fitting supposedly connected to ground, is absolutely FORBIDDEN as it could potentially be hazardous to yourself or any other resident!

LORAD MAINS BLOCK

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Additional product information available in the final section

LoRad

Shielded Mains Flex

LoRad CS-EU ▫

The European version is equipped with Schuko connectors. Fits in most countries in Europe except Denmark, Italy, Ireland and United Kingdom.

LoRad 1.5 and 2.5 CS-EU

Shielded mains flex available in two dimensions, i.e. 1.5mm² and 2.5mm², SW-10S connector according to IEC-320 and SW-EU-plug.

Max 10 amp, both dimensions.

LoRad 2.5 CS-EU-16

Shielded mains cable with inner conductors of dimension 2.5mm², SWF-16 connector according to IEC-320 and SW-EU-16 plug.

Max 16 amp.

LoRad CS-BS ▫

British standard BS 1363/A shielded mains cable. Only available factory terminated in 1.5mm² conductor diameter due to British Standard regulations.

LoRad 1.5 CS-BS

Shielded mains cable with 1.5mm² diameter inner conductors, SWF-10 connector according to IEC-320 and MC-BS-plug.

LoRad CS-US ▫

US standard, NEMA-15, also common in Asia. The plug meets hospital grade approval.

LoRad 1.5 and 2.5 CS-US

Shielded power cord available in two dimensions, i.e. 1.5mm² and 2.5mm², SWF-10 connector according to IEC-320 and SW-US-plug.

Max 15 amp, both dimensions.

LoRad CS-EU

LoRad CS-EU-16

LoRad CS-BS

LoRad CS-US

Item	Mechanical Specifications						Electr. Spec.	
	Application	Standard	Conn. <Direction> Conn. Wall Socket Equipment			Screen Connection	Voltage Nom. (V)	Current Nom (A)
LoRad 1.5 CS-EU	Earthed	EU/Fr	SW-EU	->	SWF-10s	Automatic	250	10
LoRad 1.5 CS-BS	250V	British	MC-BS	->	SWF-10s	Screen		13
LoRad 1.5 CS-US	Earthed 110V	Nema	SW-US	->	SWF-10s	Connection	110	15
LoRad 2.5 CS-EU	Earthed 250V	EU/Fr	SW-EU	->	SWF-10s	The Earth	250	10
LoRad 2.5 CS-US	Earthed 110V	Nema	SW-US	->	SWF-10s	Insulation is	110	15
LoRad 2.5 CS-16-EU	Earthed 250V	EU/Fr	SW-EU	->	SWF-16	Conductive	250	16

Additional product information available in the final section

LoRad

Grounded, Reconnectable Connectors, Audio Grade, Hospital Grade, Patented

SW–EU

Male cord plug, 16 amp Schuko, European standard, gold plated connectors and suitable for cables up to 11mm.

SW-EU

SWF–10S

Female cord connector, 10 amp, IEC-320 standard, gold plated connectors and suitable for SUPRA Mains Flex 1.5 and 2.5mm².

SWF-10S

SWF–16

Female cord connector, 16 amp, IEC-320 standard, gold plated con-nectors and fit SUPRA Mains Flex 2.5mm². Requires a 16 amp chassis connector and will not fit MCH10 below.

SWF-16

MCH10

Male chassis connector, 10 amp, IEC-320 standard, gold plated connectors and fits SWF-10/S above.

SUPRA LoRad SW

SW is a patented male plug for 110-240 Volts. It is approved accordingly and meets hospital grade approval. Suitable for cables up to 11mm diameter. Sturdy design provides for reliability and long life. Easy to assemble.

Available in US, British and European standard.

MCH10

SW–US

Male cord plug, 15 amp, Nema–15P US standard, gold plated connectors and suitable for cables up to 11mm.

SW-US NEMA

MC–BS

Male cord plug, 13 amp, British standard, gold plated connectors and suitable for cables up to 11mm.

MC-BS

BS1363

LORAD MAINS PLUGS

Item	Mechanical Specifications									Electr. Spec.	
	Male/Female	Connector	Standard	Pin Material	Conductor Connection	Cable Clamping	Max Cable Dia. (mm)	Cable-Inlet	Mounting Hole (mm)	Voltage Nom. (V)	Current Nom. (A)
SW-EU	Male	3-pole Cord Plug	EU & French	24K guld-plätterad Mässing	Skruv	Screw	Ø11	Straight	-	250	16
SW-US			Nema					Straight	-	110	15
MC-BS			British			Clamp		Angled		250	13
SWF-10s	Female	3-pole Cord Plug	Inter-nationel			Screw		Straight			10
SWF-16											16
MCH-10	Male	3-pole Chassis	IEC-320		Soldering	-	-	-	26,5 x 20		10

Additional product information available in the final section

GOOD

SUPRA Classic - The Original

Prior to 1976, speaker cables had no name, simply because no one actually knew about the massive impact cables had.

The average choice was 2x0.5 mm^2 or in rare cases, 2x0.75mm^2, cables mainly used for connecting lamps and other plain house-hold electronics.

Then SUPRA struck the Hi-Fi world with a staggering 2x2.5mm^2! And, it is still a highly appreciated entry level speaker cable and has met new areas of use thanks to its formidable resistance to abusive environments. Tin plated.

BETTER

SUPRA Ply - it's hip to be square

The square shaped design reveals the full potential of dynamics and transients of your Hi-Fi system Further, it reduces interference and interaction distortion. Tin plated.

BETTER

SUPRA Rondo - Twisted dynamics goes 'round

There are a few methods to cancel cable interference and twinning is one highly recognized and in fact the same reason why also LoRad power cords so elegantly cancels magnetic fields. The downside is torsion tension, a cable mechanics problem, which SUPRA solved and is able to produce with an interference cancelling short pitch, dynamic music handling and still flexible enough for in-wall installation.
Tin plated.

BEST

SUPRA Sword - The High End

When nothing but the best is good enough. Sword is a highly acclaimed, available also as interconnects, as a very "sound" cable choice thanks to its no-nonsense design delivering all high end parameters at just a fraction of the price in comparison and with SUPRA's typical neat appearance welcome in most reception rooms. Patented.

BEST

SUPRA Quadrax - Multiple high ends

An exquisite speaker cable, the latest brilliant example of the SUPRA ingenuity. A totally new concept, possible to adapt to a number of wiring alternatives depending on your speaker set-up. Regardless of which, we promise you the sound of your life at this price level.

Classic Series

The Classic series comprises flexible tin plated multi strand Oxygen-Free copper with 5N purity! This means that the copper purity must better than 99.999%. In addition to the corrosion resistant tin plating, the insulation of a select grade chemically stable PVC further enhance the sonically benign tin surface over time. The tin plating contributes also to a much wanted skin-effect reduction and forces the electrons from disruptive "jumps" between the strand surfaces.

The Classic series is suitable for small/low power to high power systems or for long cable runs.

Colours
■ Anthracite
■ Ice Blue
□ White

Classic 1.6
2x1.6mm² ■

Typical applications: low powered, short length mid-powered or treble wiring in a bi-wired or bi-amplified Hi-Fi system.

Classic 1.6/H Halogen free
2x1.6 mm² ■

Same as the regular Classic 1.6 but with fire retardant, halogen free, ECCOH-insulation. The cable is slightly stiffer yet easy-gliding insulation, perfect for in-wall installation.

Mini 1.6
2*1.6mm² □

Economy version comprising fewer strands.

Typical applications: low power, rear speaker.

Classic 2.5
2x2.5mm² ■ ■ □

Typical applications: Mid powered, short length high-powered or both treble and bass wiring in bi-wired or bi-amplified Hi-Fi system.

Classic 2.5/H Halogen free
2x2.5 mm² ■

Same as the regular Classic 2.5 but with fire retardant, halogen free, ECCOH-insulation. The cable is slightly stiffer yet easy-gliding insulation, perfect for in-wall installation.

Read more about fire retardant material, page 44.

Classic 4.0
2x4.0mm² ■ □

Typical applications: High powered, also intermediate lengths or bass wiring in bi-wired or bi-amplified Hi-Fi system. Maintained flexibility.

Classic 4.0/H Halogen free
2x4.0 mm² ■

Same as the regular Classic 4.0 but with fire retardant, halogen free, ECCOH-insulation. The cable is slightly stiffer yet easy-gliding insulation, perfect for in-wall installation.

Classic 6.0
2*6.0mm² ■

Typical applications: High powered, also long lengths or bass wiring in bi-wire or bi-amplified Hi-Fi system. Still surprisingly flexible.

CLASSIC

Note! The cables are directional. Refer to page 51 for addional information.

Item	Mechanical Specifications									Electr. Spec.	
	Cross. Area (mm²/AWG)	No. Cond.	No. Wires	Wire Dia. (mm)	Wire Material	Jacket	Ext. Size (mm)	Weight (g/m)	Flame Retard. Halogen Free	R (Ω/km)	L (μH/m)
Mini 1.6	1.6 / 15	2	90	0.15	Tin Plated OFC	Heat & Ageing Resitant PVC	3.1x6.2	44	No	10.8	0.40
Classic 1.6	1.6 / 15		204				3.1x6.2	44	Yes, see FRHF page 45	10.5	0.40
Classic 2.5	2.5 / 13		322	0.10			3.6x7.3	65		6.8	0.45
Classic 4.0	4.0 / 11		511				4.8x9.6	108		4.3	0.55
Classic 6.0	6.0 / 9		756				5.5x11.2	154	No	2.9	0.59

Additional product information available in the final section
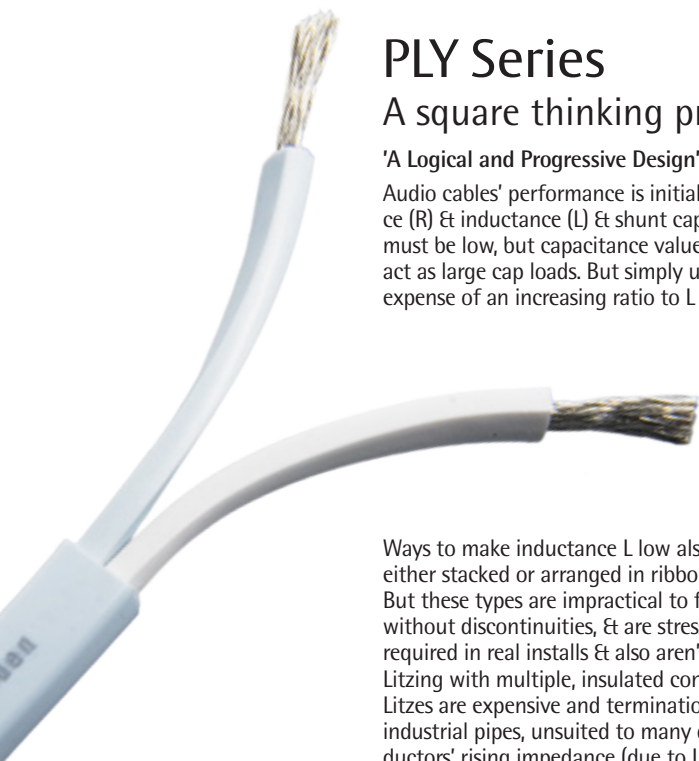
PLY Series
A square thinking provides dynamics

'A Logical and Progressive Design'

Audio cables' performance is initially determined by their loop resistance (R) & inductance (L) & shunt capacitance (C). For most speakers, R & L must be low, but capacitance value, C doesn't matter as speakers already act as large cap loads. But simply using larger wire makes R low, at the expense of an increasing ratio to L with musically unacceptable effects.

Ply
Speaker Cable

Ways to make inductance L low also with low resistance, include tapes, either stacked or arranged in ribbons.
But these types are impractical to fit to nearly every speaker connector without discontinuities, & are stressed often unsightly when bends are required in real installs & also aren't suited to mobile uses.
Litzing with multiple, insulated conductors is more practical, but quality Litzes are expensive and termination not easy. Other types are gross, like industrial pipes, unsuited to many domestic spaces. Simplistic fat conductors' rising impedance (due to L) of +6dB/octave is further raised by internal eddy currents causing 'Skin effect', like 'the square root of inductance', adding. +3dB/oct, to the L-reactance slope. For typical cable runs, net inductivity is such that performance in heavy plain conductors is measurably affected with steady signals just above 1kHz.

Cables with copper or silver stranded conductors suffer from complex oxidation. The semi conductive 'diodes' between the strands aren't seen by steady tests, but look like a high capacitance to music signals. This causes energy storage/release cycles, that regular tests miss, yet which is audible with music. This problem is also describable as the electron flow being 'trapped' inside strands & twisting away from the direct route.

SUPRA PLY is a large section, low resistance cable, overcoming skin effect & transient distortion, using pure tin plating. Tin melds to copper without any diodic barrier, & also protects the copper from common corrosions - ideal for outdoors & 12 volt. Most audiograde cables' conductors are damaged by contamination, by plastic out-gassing, from the impure atmosphere, & liquid spills. Some are protected but only by a thin coating that'll one day crack with use and age. Neatly, oxidation forming on Ply is sonically benign.

Other advantages when installing, PLY's rectangular conductor is readily circularised for insertion into receptacles of most regular connectors. Square outer profiling suits most housings too - unlike ribbons, tapes & litzes. PLY is readily coiled, more like thinner, basic cables - making it friendly in temporary setups.

Demoing the Difference

Unlike some audio products, benefits of SUPRA PLY are readily shown by repeatable measurements. Fig.1 using a swept sine wave shows progressively increasing losses >1kHz for all cables, caused by L & skin effect, ranging to 10dB at 20kHz - ultrasonic sounds do matter [3] ! Ply's low-loss behaviour for hf audio (incl. bass transients), is evident. Figs. 2 are time domain 'scope pics, showing typical dynamic/damping differences with a square wave. After transients, SUPRA's Ply restrains the peaking & accelerates the signal's return to 0 volts at the speaker end. Peaking in wide spaced cable shows limp damping & hf loss, because it has high L & low C, the opposite of what's required to drive most speakers.

Ply 2.0
2x2.0 mm² sandwich design.
Typical applications: Mid power up to short length high power Hi-Fi systems.
Available in Ice Blue and White.

Ply 3.4
2x3.4 mm² sandwich design.
Typical applications: High power Hi-Fi systems also up to intermediat lengths. Contact your local dealer for high power, longer cable lengths.
Available in Ice Blue and White.
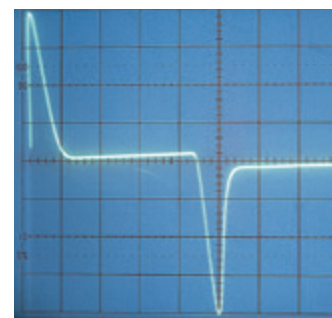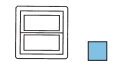
Fig. 1: Wide space cable losses
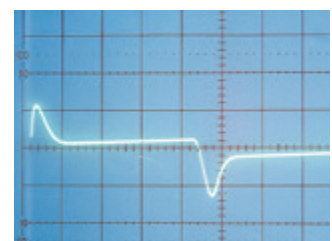
Fig. 2: Ply 2.0 losses

Research References
Ben Duncan, 'Loudspeaker Cables', RP, Inst. of Acoustics, Nov '95. Also in Studio Sound & B'cast Eng. (all UK); & Stereophile (US) Dec '95. Also 'Modelling Cable', Electron-ics World, Feb '96, Measuring Spkr Cable Differences, Electronics World, June/July '96, & Black Box, Hi-Fi News & RR (all UK), June & July '96. Other Refs [1] M. Hawks-ford, Essex Echo, Hi-Fi News, Aug '85; Aug & Oct '86 & Feb '87. [2] F. E. Davis, Effects of Cable, J. AES, June, '91. [3] T. Ohasi, Nishina & Co, HF Sound >audio .. affects brain, '91.

Item	Mechanical Specifications								Electr. Spec.	
	Cross. Area (mm²/AWG)	No. Cond.	No. Wires	Wire Dia. (mm)	Wire Material	Insulation	Ext. Size (mm)	Weight (g/m)	R (Ω/km)	L (μH/m)
Ply 2.0	2.0 / 14		120		Tin	Heat &	5.8x5.8	74	8.1	0.30
Ply 3.4	3.4 / 12	2	192	0.15	Plated	Ageing	7.2x7.2	97	5.1	0.20
Ply 3.4 Wide	3.4 / 12		192		OFC	Resitant PVC	5x9	95	5.1	0,15

Additional product information available in the final section

Shielded Speaker Cables

SUPRA shielded cables radiate and pick-up less noise.

The result is immediately lowered noise floor and increased dynamics of the Hi-Fi system. Especially the so called µ-dynamics, the small details, suddenly stand out from a pitch black background, a truly remarkable discovery for most music lovers.

The modern multimedia system is a potential hotbed for noise pick-up and signal degradation and without attention, the most prestigious Hi-Fi system will not even come close to its peak performance. It is as simple as that.

Secondly, we must consider how magnetic fields, alternating electrical fields, electromagnetic (radio-) waves, etc affect us. Whenever possible, we at SUPRA think it is worthwhile to consider lowest possible levels of fields and radiations surrounding us.

Shielded SUPRA Ply 3.4/S

2x3.4 mm² sandwich design

The shielded Ply 3.4/S provide low inductance and tin plating with a noise rejective shield which makes up for a one-of-a-kind speaker cable.

Typical applications: High power HiFi systems also up to intermediate lengths where maximum field rejection required.

Note below wiring instructions!

HI-FI CHOICE

RECOMMENDED

Less noise
Less radiation

Shielded speaker cable wiring

Chassis ground terminal   No shield connection to speaker!

Screen

Amplifier chassis   **SUPRA shielded speaker cable**   **Speaker**

PLY

SUPRA Linc – May the force be without you

SUPRA Linc is an evolution of SUPRA Rondo and the already very low level of magnetic fields, have been supplemented with a shield blocking the electrical fields. Its properties enhance the transient transparency, similar to e.g. SUPRA Ply. Link is short for Low Interaction Concept, is flexible and suitable for permanent in-wall installation.

Linc 2.5
2*2.5 mm²
Typical applications: Medium powered, short length high powered Hi-Fi system.
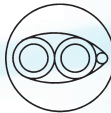
Linc 4.0
2*4.0 mm²
Typical applications: High powered, also longer lengths Hi-Fi.

Note!
The Linc speaker cables are directional. Refer to page 51 for further information.

LINC

Item	Mechanical Specifications										Electr. Spec.	
	Cross. Area (mm²/AWG)	No. Cond.	No. Wires	Wire Dia. (mm)	Wire Material	Insulation	Screen	Screen Coverage	Ext. Size (mm)	Weight (g/m)	R (Ω/km)	L (µH/m)
Ply 3.4/S	3.4 / 12	2	192	0.15	Tin	Heat &	Braid 120x0,15	> 95%	7.3x7.3	156	5.1	0.20
Linc 2.5	2.5 / 13	+ Drain	320	0.10	Plated	Ageing	Aluminium/	100%	Ø8.1	94	6.8	0.42
Linc 4.0	4.0 / 11	Wire	511	0.10	OFC	Resitant PVC	PET Foil		Ø8.7	135	4.9	0,44

Additional product information available in the final section

Pre-terminated PLY Cables
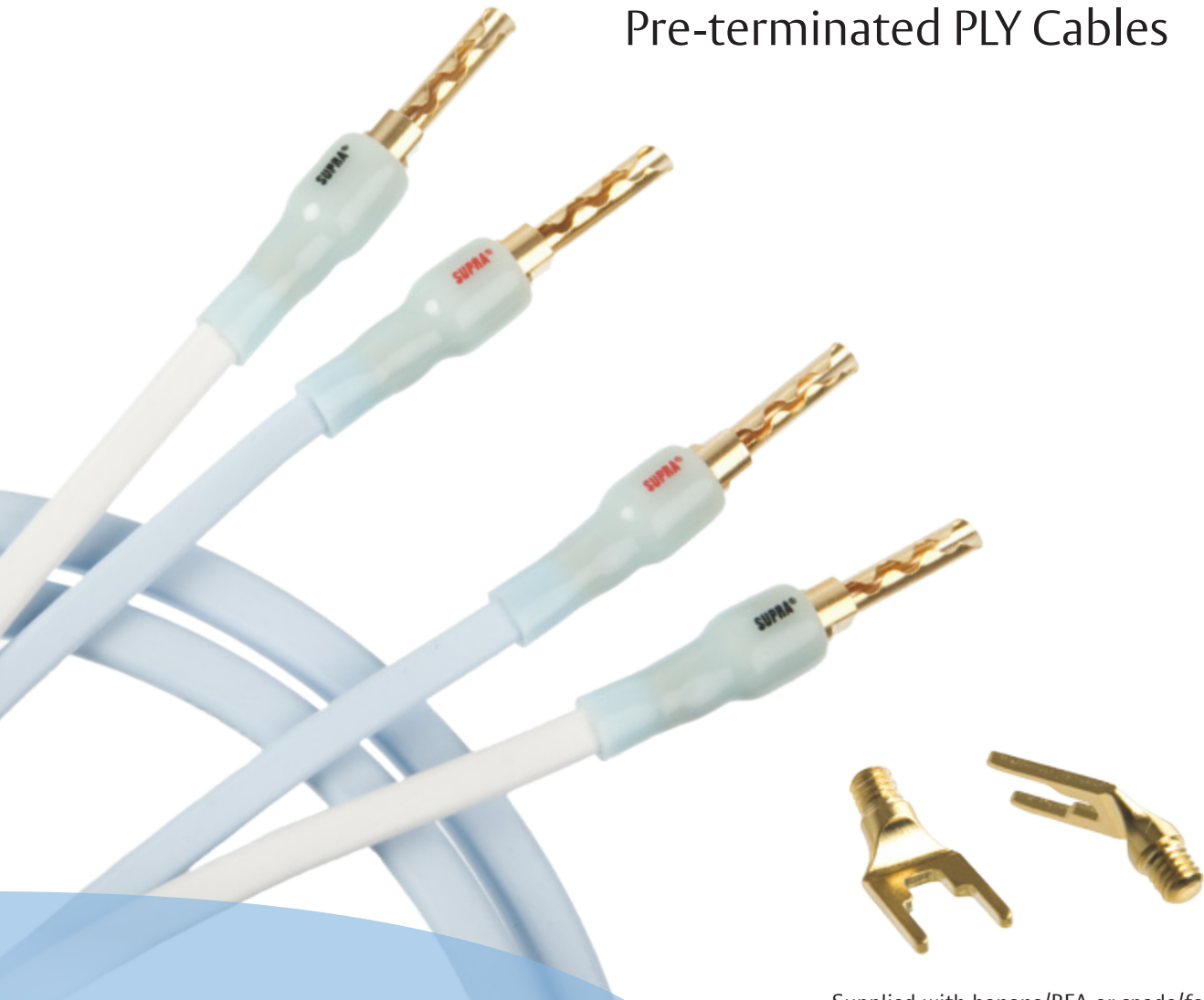
Supplied with banana/BFA or spade/fork connectors

Ply 2x2.0 och Ply 2x3.4
CombiCon Crimp □ □

2x2.0 mm² or 2x3.4mm² sandwich design.

Ply combines low induction and tin plating which provides for explosive dynamics. Ply is a multi-award winner and one-of-a-kind quality cable from SUPRA. Pre-terminated with CombiCon connectors providing a 6mm threaded body. Choose between banana/BFA or spade/fork connectors.

Crimping?

Crimping means pressing together under very high pressure. A properly crimped joint brings the materials together in an airtight, homogeneous and electrically "invisible" joint that is superior in this application.

All factory crimping is performed using dedicated machine tools. The picture illustrates the process using a hand crimping tool.

Additional product information available in the final section

Shielded SUPRA PLY

Ply combine low inductance and tin plating which provides for explosive dynamics.

Ply 2x3.4/S CombiCon Crimp ▫

2x3.4 mm² sandwich design.
Pre-terminated with CombiCon connectors providing a
6mm threaded body. Supplied with banana/BFA
or spade/fork connectors.

PLY

Picture shows braid machine for PLY manufacturing

Rondo Series - On stage!

SUPRA Rondo is a series of versatile, highly flexible round speaker cables, with short pitch wound conductors. The all-round properties make this cable suitable for a wide range of applications. Thanks to the short pitch of the conductors, the cable inductance is kept low hence reducing magnetic fields and providing fast musical response. The production method allowed us to twin with short pitch and still keep it resistant to handling fatigue, making it especially useful on-stage. The strands are tin plated for corrosion resistance and benign musical behavior. It is especially suitable for bi-wired and bi-amplified speakers, thanks to the four leads in square.

WHAT HI★FI?
SOUND AND VISION
★★★★

Rondo 4x1.6/H

4x1.6mm^2

Typical applications: Mid powered, short length high-powered and/or in bi-wired or bi-amplified Hi-Fi system. Protected by flame retardant insulation ECCOH.

Rondo 2x2.5

2x2.5mm^2

Typical applications: Hi-Fi or on-stage.

Rondo 4x2.5

4x2.5mm^2

Typical applications: High powered, short to intermediate lengths and/or in bi-wired or bi-amplified Hi-Fi system or on-stage.

Rondo 4x4.0

4x4.0mm^2

Typical applications: High powered, also longer lengths and/or in bi-wired or bi-amplified Hi-Fi system or on-stage.

Tip!
Four conductor Rondo provides for very low inductance by following wiring example in the figure, i.e. 0.25-0.35µH respectively.
This configuration is called Star Quad.

Note!
The Rondo speaker cables are directional.
Refer to page 51 for further information.
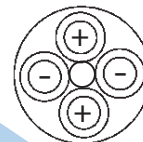
Item	Mechanical Specifications									Electr. Spec.	
	Cross. Area (mm^2/AWG)	No. Cond.	No. Wires	Wire Dia. (mm)	Wire Material	Insulation	Flame Retardant & Halogen Free	Ext. Size (mm)	Weight (g/m)	R (Ω/km)	L (µH/m)
Rondo 4x1.6/H	1.6 / 15	4	90	0,15	Tin-Plated OFC	PE FRHF	Yes, see p45	Ø8.5	111	10.8	0.32
Rondo 2x2.5	2.5 / 13	2	320	0.10		Heat & Ageing Res. PVC	No	Ø7.7	110	6.8	0.40
Rondo 4x2.5		4						Ø9.7	170		0.35
Rondo 4x4.0	4.0 / 11		511					Ø11	236	4.3	0.40

Additional product information available in the final section

S U P R A / S w o r d

SUPRA Sword - The High End □

Regardless of the price we are proud to say, humbly, this is one of the best speaker cables there is. Completely transparent, perhaps a worn-out cliché, is still what most users and tests agree on. The secret? The bifilar-wound litz conductors comprising 24 individually insulated strands per pole, 12 wound in one direction, the remaining 12 in the opposite, resulting in magnetic field cancellation and very low inductance. Further to the litz wound and individual insulated strands, dynamic skin-effect is cancelled. The Sword behaves as a non-inductive and in-phase cable. The only thing not cancelled is the sound, allowing you to hear every little note of the music.

How does it sound?

The best way to describe is *nothing*, but that is hard to imagine, so we will try to explain. SUPRA will maintain the true signal put out from your Hi-Fi system giving a com-pletely transparent transition from amplifier to speaker. You will hear the music, nothing more, nothing less.

SUPRA Sword
- The High End Series
SUPRA offer a range of analogue cables in the Sword segment, allowing you to optimize your entire Hi-Fi system Refer to page 41 for information.

We only sell Sword pre-terminated!

The reason is that the transition between the cable and connectors is very critical. In order to maintain the superior cable and contact properties, we reached the conclusion to keep this in-house. We crimp the unit together at high pressure, making a perfect, air tight, joint.

It is supplied in an exclusive Mahogany Box comprising both banana and spade connectors.

We simply could not resist an extra treat for this remarkable cable.

Sword Jumper, 28 cm

Permanent fork terminals, i.e. not replaceable CombiCons. Suita-ble to replace the original, often sub-standard, metal sheet jumpers supplied with the speakers. In most cases, a dramatic speaker perfor-mance boost!

The standard jumper supplied with most speakers, is a very good example how to make a highly inductive conductors. They are the reason for the development of our Sword Jumpers.

RONDO SWORD

Item	Mechanical Specifications							Electrical Specifications			
	Cross. Area (mm²/AWG)	No. Cond.	No. Wires	Wire Dia. (mm)	Wire Material	Insulation	Jacket	Ext. Size (mm)	R (Ω/km)	L (μH/m)	Phase Disloc. 0.5-100kHz	Phase Error
Sword	3.0 / 12	2	12 + 12	0.4	Enameled OFC	PE	PVC	9.3x18.4	5,2	0.25	0.96 Deg.	0

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Additional product information available in the final section

SUPRA Quadrax

Standard

Bi-Amp

SUPRA Quadrax Speaker Cable ☐
Built-in Star Quad configuration

It is all new and it has all necessary characteristics of becoming a future-classic SUPRA Cable. It is a fusion of techniques that perhaps is best described as four Star Quad-configured, one-layer-spun on insulating core, multi-strand conductors, leaving the inductance, noise pick-up and signal degradation so low, it has never before been available at this price level!

By spinning a multi-strand layer on an insulating core, we increased the comparative conductor cross section, leading to an inductance as low as 0.3mH/m, one of our hallmarks. The result is dynamic, transient rich and transparent. We also optimized the strand spinning direction of each conductor to further enhance the low inductance, timing and interference immunity.

Finally, this cable also offers low capacitance, a very rare combination of characteristics. Thanks to its cable geometry and high grade polypropylene insulation, the high frequency drop-off is negligible minimizing the need of any frequency compensation.

This is a cable we are truly proud of and one we feel will be a worthy contestant in any Hi-Fi system. Or Hi-Fi test.

Banana and fork terminals are included in all Quadrax cables.

Item	Mechanical Specifications								Elec. Spec.	
	Cross. Area (mm²/AWG)	No. Cond.	No. Wires	Wire Dia. (mm)	Wire Material	Insulation	Jacket	Ext. Size (mm)	R (Ω/km)	L (µH/m)
Quadrax	2.0 / 14	4	120	0.15	Tin Pl. OFC	PP	PVC	Ø15	8.1	0.28

Additional product information available in the final section

HIGH END PRODUCT

Affordable High-End
High Definition
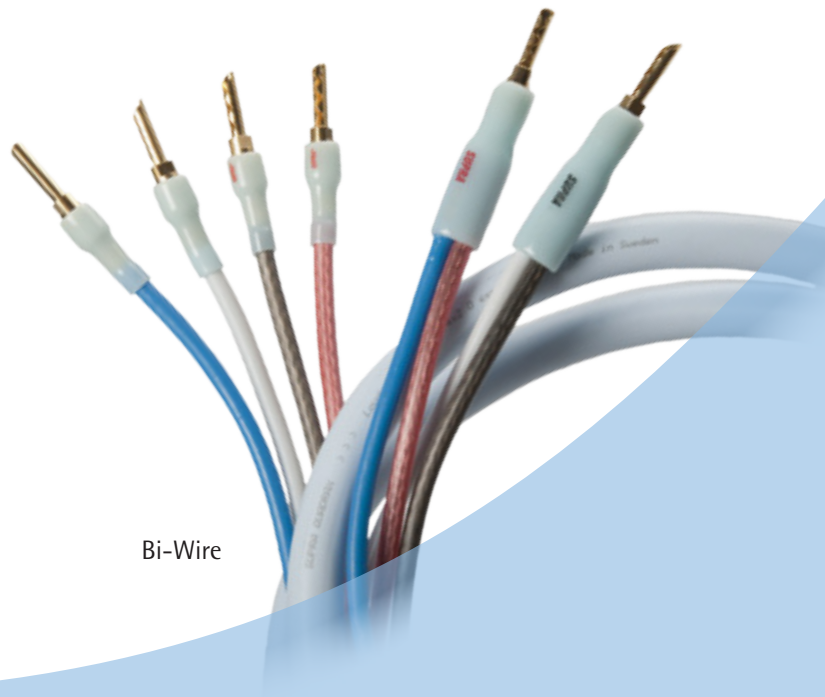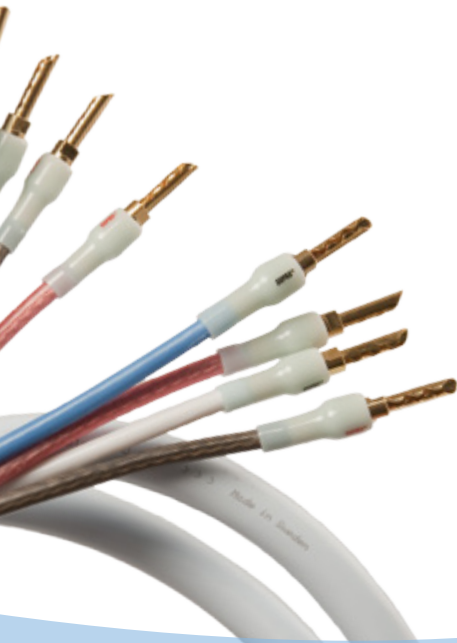
Bi-Wire

QUADRAX

Quadrax 2x4.0 Standard
CombiCon Crimp
Single-wire 2 + 2 conductors

Quadrax 4x2.0 Bi-amp
CombiCon Crimp
4 + 4 conductors

Quadrax 4x2.0 Bi-Wire
Combicon Crimp
2 + 4 conductors

Factory terminated, because the transition between the cable and connectors is very critical. In order to maintain the superior cable and contact properties, we reached the conclusion to keep this in-house. We crimp the unit together at high pressure, making a perfect, airtight joint.

Boxcon

24K gold plated speaker chassis contact for cable areas up to 10mm², fork or banana.

Suitable for speaker cabinet walls up to 29mm thickness and 8mm hole.

Available in both red and black to distinguish polarity.

1 pair (red/black)/pack. Available also in bulk = 50 pairs

Fork

24K gold plated fork for speaker terminals or heavy binding posts. Versatile, allows straight or 90º turned connection, cable cross sections up to 10mm², and additional banana in- or out-bound connection with the supplied adapter screw. Fork width 5.5mm. Our most copied product world wide.

2 pair/pack. Available also in bulk = 50 pairs

Fork XL

Similar to standard Fork, except with a wider spacing of 6.5mm and banana adapter screw offered separately.

2 pair/pack. Available also in bulk = 50 pairs

Banana

24K gold plated 4mm banana plug for speaker terminals or heavy binding posts. Versatile, allows straight or 90º turned connection, cable area up to 10mm² and with a black or red plastic cover to distinguish polarity. Also fits BFA banana binding posts.

2 pair (2 red + 2 black)/ pack. Available also in bulk = 50 pairs

Speaker Connectors

Supra Combicon Crimp Assortment

(for SUPRA dealers)

CombiCon crimp connectors for loudspeaker cables, with M6 threaded body allowing either a corresponding banana (BFA) or a fork. The body is crimped on the cable, using the supplied crimping tool. Crimping is the best connection, since the result is an air tight and uniform connection, almost as solid. The body is covered by a rubber sleeve. The body is available in four sizes, covering cable cross sections from 0.75mm² up to 6mm² and they are manufactured from solid copper and gold plated.

The Assortment - Supplied in a convenient aluminium box with tool.

50 pcs Banana/BFA tips

50 pcs Fork (spade) tips

50 pcs Connector body 1 for cable cross section 0.5mm² to 1.6mm²

50 pcs Connector body 2 for cable cross section 1.7mm² to 2.5mm²

50 pcs Connector body 4 for cable cross section 2.6mm² to 4.0mm²

50 pcs Connector body 6 for cable cross section 4.1mm² to 6.0mm²

50 pcs Rubber sleeves for body size 1-2 colour black

50 pcs Rubber sleeves for body size 1-2 colour red

50 pcs Rubber sleeves for body size 4-6 colour black

50 pcs Rubber sleeves for body size 4-6 colour red

50 pcs CombiCon outer body, Black

50 pcs CombiCon outer body, Red

1 pc Crimping Tool

Additional product information available in the final section

CombiCon Banana/BFA M6

24K gold plated speaker connector for cables up to 6mm². Allows straight or 90° cable connection. A supplementary fork is possible to connect, or if the cable is connected at 90°, a straight connected banana. The banana tube is made from gold plated beryllium-copper, which is a strong and conductive alloy.

2 pair/pack. Available also in bulk = 50 pair banana and 50 pair connector body

CombiCon Spade M6

24K gold plated speaker connector for cables up to 6mm². Allows straight or 90° cable connection. The specially designed fork allows for binding posts between 4.5mm up to 9mm. A supplementary fork is possible to connect, or if the cable is connected at 90°, a straight connected banana. The spade is made from solid copper and gold plated.

2 pair/pack. Available also in bulk = 50 pair banana and 50 pair connector body

CombiCon Kit

The kit consists of four pieces of Banana/BFA M6, four Spade M6 and two pair connector body.

CombiCon Assortment Box

Assortment for dealers, content:
50 pair banana/BFA
50 pair Spade (Fork)
50 pair Connector Body
Wooden Box included

CombiCon

The SUPRA CombiCon product line consists of two parts, the Connector Body and the Connector.

The Connector Body

The cable connects two ways, straight or 90°. It is printed in black or red to distinguish correct polarity.

The Connector

The Connector is available in a Banana/BFA and a Spade. The spade is slightly angled to connect also to tight and difficult binding posts. Its clever design provides also for a wide range of binding post dimensions, refer to the drawing below. The picture to the right illustrates the CombiCon wiring options.

Spade drawing (fork)

SPEAKER CONNECTORS

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Additional product information available in the final section
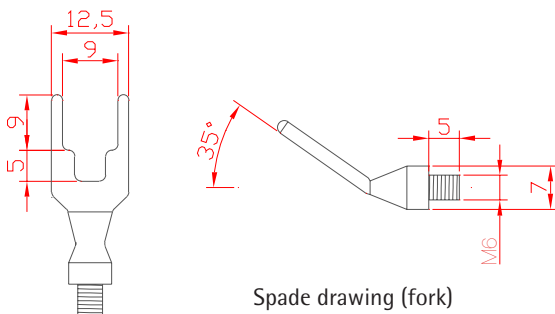
INTERCONNECT

OPTICAL
DIGITAL
ANALOGUE

To be able to successfully connect all units in a Hi-Fi and Home Cinema System, interconnects are required. This might appear easy, but in reality it is not. You may encounter geographic standards, brand standards and even wide spread standards that do not specify all necessary characteristics and leave room for interpretations.

The video field alone contains countless interfaces especially now when video will play from so many different types of hardware; computers, gaming consoles, media players, DTV/satellite receivers, among others.

Consequently SUPRA has developed a wide range of interconnects and we continuously monitor and evaluate new connector types on the market and as soon as new interfaces become more or less "standard" we will quickly include them in our world wide product lines.

In line with the SUPRA No-Nonsense Design concept there is one characteristic which is particularly important to emphasise: low capacitance. The capacitance can be illustrated by the garden hose jet. The lower the hose internal volume is (+), the better the hose routing is (+) and the stiffer the hose walls is (+), the quicker the jet reacts (=) when adjusting the tap.

Any capacitance, on the other hand, "absorbs" every attempt to increase the jet by increasing the water pressure and therefore consequently will delay and suppress the jet spray. When a low level interconnect acts ideally, the output signal rises exactly in the same moment and to exactly the same level as the input signal. Supra always pro-actively select the materials and design to suppress and when possible cancel) the unwanted capacitive electrical behaviour.

ZAC Fibre Optic Interconnect

ZAC is the abbreviation for Zero Attenuation Concept which means that nowhere in the cable will the light encounter any obstacles distorting or suppressing the signal. This means that the cable can carry the optical signal over longer distances without degradation.

When manufacturing optical interconnects, the quality of the fibre and tip polishing is the most important issue. We use a Japanese plastic fibre providing strength and flexibility, but require also a very thorough polishing process with an innovative fibre tip curving cancelling divergence losses.

The features & benefits are:

- Bandwidth - Allows high definition music signal
- Interference immune - Will not pick-up any noise
- Non-radiating - Will not radiate any noise
- Non-conductive - Will not create ground loop noise
- Low weight - Will not act as lever on the connectors
- Flexible - Easy to route the cable, more flexible than glass
- Long lengths - Provides for long distance signal transmission without loss.

ZAC Toslink ◻

Toslink to TosLink
More flexible than glass fibre.
Top seller cable available up to 20 meters.
Suitable for most Hi-Fi systems.

ZAC MinTos ◻

Mini plug to TosLink

Same fibre except for a 3.5mm mini plug at one end.

Suitable design for hardware such as computers, Airport Express, external D/A-converters and amplifiers with digital in- and outputs.

ZAC Mini ◻

Mini plug to mini plug

Same fibre and here provided with two 3.5mm mini plugs. Suitable between some computers and MP3 players.

OPTICAL

ZAC Mini   ZAC Toslink   ZAC MinTos

Additional product information available in the final section

Digital cables
AES EBU 110ohm / Coaxial 75ohm

Aerial Cable
Coaxial digital 75ohm

DAC ▪

Digital cable @110ohm, suitable in some high end applications and for professional use such as studios and on stage.

Our fastest cable, transfer high definition music or program content at 24bits@192KHz and over.

Terminated with is e.g. SUPRA Swift XLR.

Trico ▪

Video/digital cable @ true 75ohm. Dual screen, fast and very low dampening, only 0.6dB/100m allowing long distance signal transmission.

Suitable contacts are e.g. SUPRA PPX, MP-8 and BNC-8.

AnCo ▪
Aerial/digital/video cable 75ohm

SUPRA AnCo is designed for all 75ohm applications such as digital audio (S/PDIF[1]), analogue radio and TV broadcasts and composite video. Both the solid core lead and the screen are silver plated for response at high frequencies. Foam PE insulation provides low capacitance and high speed.

Updated in 2008 with dual screen, it has become a high performer in the aerial market.

DAC ⊛

The cable provides for extremely low capacitance in order to react very fast.

The DAC cable is insulated with a foam PE plastic reducing the plastic content and resulting in air insulation, today the most efficient electrical insulation.

Further the foam plastic is a) softer hence flexible, b) lower weight, and c) lower mass absorbing hence delaying the signal. We have achieved 0.45µF/m, which is considered very low and consequently will not delay or dampen to any significance in normal intended use.

The result is far better to some competitive materials like e.g. Teflon. The shield will protect the signal from pick-up of noise.

When the signal transmission is flawless, the receiving circuitry need not correct any errors or misinterpretations, you will be listening to the music rather than Hi-Fi system.

Trico ◎

This cable offers very low, only 0.58µF/m, capacitance providing fast transmissions and low damping. The shield is highly efficient and is made of a) an inner braid of silver plated OFC copper and b) an outer of OFC copper. The core lead is made of silver plated OFC copper.
The silver plating is particularly efficient for high frequency conductivity; here we in fact utilize the skin-effect.
Trico´s high-tech damping characteristics are usually found in a much higher price segment; 0.6dB/100m@1MHz and 7.1dB/100m@100MHz, i.e. true 75ohm and its impedance is also exceptionally stable ±1.5ohm@f≤100MHz.
Behind all this high-tech vocabulary, the Trico cable characteristics enables high end performance in your Hi-Fi system, allowing your media player, CD transport or similar to transmit high definition program content to your D/A converter or amplifier so you can listen to the music instead!

SUPRA GS, Ground Separators

AnCo–TV ◎
Aerial Cable 75ohm

To get top notch performance from your TV, the aerial signal must be strong. Thanks to silver plating, dual screens, PE insulation and SUPRA ACON gold plated RF tight aerial connectors, we guarantee maximum aerial signal to your TV, provided that aerial, broadcast content and so forth is of sufficient quality.

GSS GSB FCON

SUPRA GS, Ground Separator, for aerial systems. This may well be the single most important trouble shooter. When a multitude of electrical devices must co-exist, it is predetermined that you eventually get a ground loop, meaning you cannot connect e.g. your TV, to your A/V Receiver without getting a background hum.

Available in straight or bent versions.

Item	Mechanical Specifications												Electr. Spec.		
	Application Examples	Cross. Area (mm²/AWG)	No. Wires	Wire Dia. (mm)	Wire Material	Insul-ation	Inner Screen Coverage	In.Screen Insulation	Outer Screen Coverage	Jacket	Dia. (mm)	Weight (g/m)	C (pF/m)	Imp. Z (Ω)	Velo. Factor
DAC	Analog./Digital	0.54 / 20	19	0.19	OFC	PE Foam	Cond. Nylon,100%	-	-	Heat & Ageing Resitant PVC	Ø6.1	43	45	110	0.78c
Trico	Video/Digital	0.71 / 19	7	0.36	Silver	PE Foam	Braid Ag OFC,>95%	PE	Braid OFC, >90%		Ø8.2	105	58	75	0.78c
AnCo	Video/Aerial	0.28 / 23	1	0.6	Plat. OFC	PE	Aluminium Foil	-	Braid Sn OFC,>95%		Ø6.2	52	72	75	0.72c

Additional product information available in the final section

Digital Cables
Koaxial 75ohm / AES EBU 110ohm

Digital formats

The cable choice is a delicate procedure in all electrical digital applications.

The technical term used is characteristic impedance, i.e. how the transmitter, receiver and cable match. Mismatch may cause jitter (common factor for timing problems) or even loss of signal.

● **S/PDIF = Sony/Philips Digital Interface.**

● **AES/EBU = Audio Engineering Society and European Broadcasting Union.**

PVC Jacket PE Insulation Foam PE Insulation

TRICO

Core leader, silver plated OFC

Outer screen, OFC

Inner screen, silver plated OFC
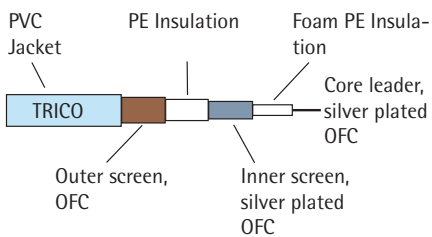
Coaxial digital 75ohm

● **S/PDIF – most common consumer format**

For transmitting program content between home multimedia devices such as CD transport to D/A converter and in older systems between e.g. DVD and A/V receiver.

● **AES/EBU 110ohm – Professional standard**

AES/EBU 110ohm, the professional standard, is a balanced interface for maximum noise rejection suitable for studios, stage and also in high-end Hi-Fi systems.

Trico–RCA ▫

Typical applications: Computer to DAC, media streamer to DAC.

Trico–BNC ▫

Typical application: High end CD transport to DAC.

Trico–MP/RCA ▫

Typical applications: computer/sound card to DAC/multimedia amplifier. The design is semi-balanced for efficient noise rejection and provides for full 75ohm bandwidth in all applications.

DAC–XLR AES/EBU ▫

Typical applications; studio sound card to studio DAC, high-end home CD transport to high-end DAC.

Trico–RCA   Trico–RCA/BNC   Trico–RCA/MP   DAC–XLR

●   ● ● ● ● ● ●

75ohm S/PDIF   *110ohm AES/EBU*

DIGITAL SPDIF AES/EBU

We are convinced that Cat7+ is one of the best network cables there is!

SUPRA Cat7+ FRHF Network Cable

SUPRA Cat7+ Digital Data Cable ▢

There are two areas in a data network cable that must be perfectly designed, a) the shielding, and b) the twinning of the two lead pair. The reason is cross-talk, when the signal "jumps" to the adjacent pair of leads.

One important difference from digital audio circuitry is that network transmission follows a protocol with handshake, a confirmation between sender and receiver. If the cable cannot maintain signal integrity, transmission speed will drop until transmission is accomplished, in worst case leading to signal drop-outs.

SUPRA Cat7+ surpasses the specification category 7A according to EN 50288 and IEC 61156. The cable shows excellent NEXT, low damping, good shielding (every pair separately and finally all together, so called SSTP), low SKEW, bandwidth @1300MHz.

The solid 22AWG copper leads, foamed PE plastic, efficient shielding make extremely long distance installation possible, thanks to the low capacitance.

Typical applications: Installation cable for network. Ideal for all class D up to FA Multimedia applications, i.e. video, data, voice >10 GbE according to IEEE802.3an, VoIP, PoE.

FRHF

The abbreviation is short for Flame Retardant Halogen Free, meaning that the cable is fire retardant and approved for use and installation in public areas and buildings. The specific characteristics of this classification are:

• Excellent flame retardancy
• Halogen free
• Less smoke in case of fire (Lo-smoke)
• Less hazardous gas emission

SUPRA RJ45
Specially developed network cable connector for AWG22 strands.

Item	Mechanical Specifications									Electrical Specifications					
	Application Examples	Cable	Cross. Area (mm^2/AWG)	Wire Material	Insulation	Inner Screen Coverage	Jacket	Ext. Size (mm)	Weight (g/m)	R (Ω/km)	C (pF/m)	Band-width	Skew @100MHz	Imp. Z (Ω)	Velo. Factor
Cat 7+	Ethernet >10Gb	4 pair, Cat7A S/STP	0,26 / 23	Solid OFC	PE Foam	Alu. Band & Braid,100%	PE FRHF	Ø8	67	57.1	40	1300 MHz	5 ns/100m	100	0.8c

Attenuation: 1MHz/1.7 dB, 10MHz/4.5dB, 100MHz/15.4dB, 600MHz/40.4dB, 1300MHz/61.4dB

Additional product information available in the final section

SUPRA®Cables
MADE IN SWEDEN

SUPRA USB 2.0

SUPRA USB 2.0 – Digital Data Cable

WHAT HI·FI?
SOUND AND VISION
★★★★★

The sales of USB devices has increased exponentially and we are proud to offer our new cable for: digital audio convertors, music streaming from computers, multimedia players, among other devices providing a USB interface. There is a great need for better cables since the failed bit transmissions will undoubtedly be detected when listening to your music, since the error correction and number of re-tries will leave audible traces.

Many USB interface users are accustomed to quite short cables, but not anymore. SUPRA USB 2.0 allows for a distance of 15metres between your devices!
The trick is, as always, shielding, separate for each pair of leads correctly twinned and an exact impedance matching of 90ohm, which is vital for these applications. SUPRA USB 2.0 will reward you with a dynamic, rich and detailed music experience. Undoubtedly!

Features & Benefits

- Long cables lengths - provides for long distances between devices
- Correct data transfer - utmost sound capabilities
- Perfect shielding and twinning - minimum signal degradation
- Robust type A and type B connectors - reliable, long mobile life
- Made in Sweden - Modern research, production and quality

Item	Mechanical Specifications									Electrical Specifications			
	No. of Pairs	Cross. Area (mm²/AWG)	No. Wires	Wiredia. (mm)	Wire Material	Insul-ation	Screen	Jacket	Ext. Size (mm)	Weight (g/m)	R (Ω/km)	C (pF/m)	Imp. Z (Ω)	Velo. Factor
USB 2.0	2	0.24 / 23	19	0,127	Tin Plat. OFC	PE	Alu/Pet Foil	PVC	Ø7.5	56	72	52	90	0.66c

Additional product information available in the final section

When only the best is good enough!
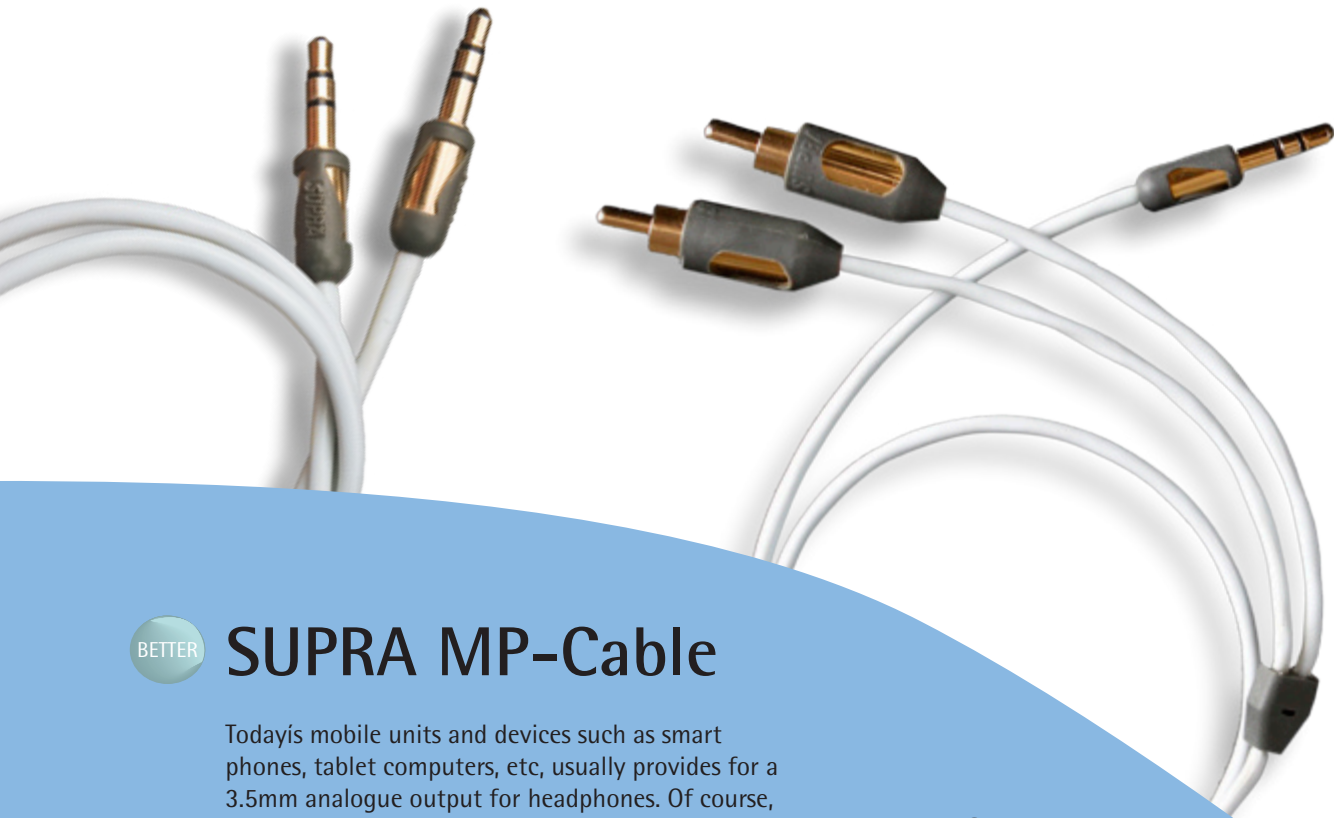
BETTER **SUPRA MP-Cable**

Todayís mobile units and devices such as smart phones, tablet computers, etc, usually provides for a 3.5mm analogue output for headphones. Of course, it is also possible to connect these devices to other audio devices. It is increasingly popular with a Hi-Fi-system of just a pair of active stereo speakers, a head-phone set and on-line music providers in addition to a local music library on a NAS server.
We have developed two cables covering most mobile applications. The flexible dimension and sturdy, moulded, gold plated connectors, make them ideal for mobile use.

MP-2RCA ☐
3.5mm stereo mini plug to a pair of phono/RCA plugs.

Gold plated and fully shielded make them ideal for connecting your mobile device to your analogue Hi-Fi system or directly to your active speaker set-up.

MP-MP ☐
3.5mm stereo mini plug to a 3.5mm stereo mini plug

Gold plated and fully shielded make them ideal for connecting your mobile device to your portable speaker, computer speakers or in-car stereo.

Additional product information available in the final section

BEST
SUPRA BiLine ■□

BiLine MkII

Analogue low level interconnect for stereo applications.
Improved MkII version. Round interconnect cable with two pairs of twisted, separately shielded leads, providing cable characteristics such as low capacitance and good noise suppresion, making it suitable over longer distances before audible impact. For balanced or semi-balanced connections.
Aluminium screen.

Typical applications:

• Analogue interconnects e.g. between pre- and power amplifier.
• Y-connection e.g. A/V receiver to subwoofer with two inputs and smartphone, computer, iPad to stereo amplifier input.

Suitable connectors: RCA-6, MP-8, Swift XLR and PPX, refer to page 48-49 for additional information.

BEST
SUPRA BiLine-MP ■□

Mp3, iPod, smart phone or computer cable

Offers the best possible sound quality from your mobile device to your stereo set, providing fully shielded, low noise music transmission for your maximum pleasure. Equipped with our proprietary connectors MP-8 and RCA-6.

MP-CABLE BILINE

Item	Mechanical Specifications									Electrical Specifications			
	No. of Pairs	Cross. Area (mm²/AWG)	No. Wires	Wiredia. (mm)	Wire Material	Insulation	Screen	Jacket	Ext. Size (mm)	Weight (g/m)	R (Ω/km)	C (pF/m)	Imp. Z (Ω)	Velo. Factor
Biline	2	0.24 / 23	19	0,127	Sn plat. OFC	PE	Alu/Pet Foil	PVC	Ø7.5	56	72	52	90	0.66c

Additional product information available in the final section
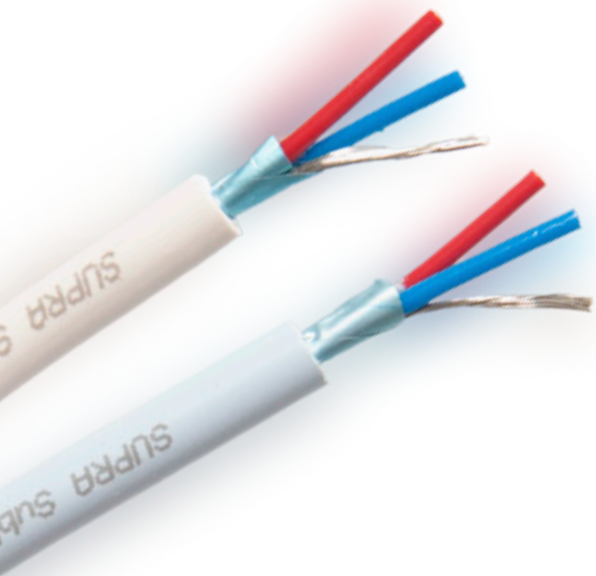
SUPRA SubLink ▪▫

Subwoofer / Analogue Hi-Fi

Interconnect cable comprising two conductors and a screen for efficient shielding suitable for balanced or semi-balanced connections. Low capacitance and efficient noise rejection, provides for long distance routing for e.g. subwoofers. Available in SUPRA Ice Blue or White. Suitable connectors are RCA-6 and Swift XLR.

SubLink–RCA

Mono subwoofer interconnect between e.g. A/V receiver and subwoofer, so called LFE connection. Low capacitance and efficient noise rejection provide for long distance routing. Pre-terminated with RCA-6 connectors.

SubLink-RCA

Sublink RCA to XLR/m

Mono semi-balanced interconnect between e.g. pre-amplifier and an active speaker, or pre-amplifier and a mono-block with a RCA output and XLR input. Low capacitance and efficient noise rejection provide for long distance routing common for these applications. Pre-terminated with RCA-6 and SWIFT XLR male connectors.

Sublink RCA-XLR

Y–Link

Stereo input subwoofer interconnect between e.g. A/V receiver and subwoofer offering a stereo input instead of a single LFE (common among dedicated Hi-Fi subwoofers). Low capacitance and efficient noise rejection provide for long distance routing. Pre-terminated with PPX and RCA-6 connectors.

Y-Link

Sublink XLR/f to XLR/m

Mono balanced interconnect between e.g. pre-amplifier and an active speaker, or pre-amplifier and a mono-block with a RCA output and XLR input. Low capacitance and efficient noise rejection provide for long distance routing common for these applications. Pre-terminated with SWIFT XLR connectors.

Sublink XLR-XLR

Item	Mechanical Specifications									Electrical Spec.		
	No. of Pairs	Application Examples	Cross. Area (mm²/AWG)	No. Wires	Wiredia. (mm)	Wire Material	Insulation	Screen	Jacket	Ext. Size (mm)	Weight (g/m)	R (Ω/km)	C (pF/m)	Velo. Factor
Biline	2	Stereo Subw., mp3	0.24 / 23	19	0,127	Tin Plat. OFC	PE	Alu/Pet Foil	PVC	Ø7.5	56	72	52	0.66c
SubLink	1	Mono Subwoofer	0.24 / 23	19	0,127	Tin Plat. OFC	PE	Alu/Pet Foil	PVC	Ø6.0	48	72	52	0.66c

Additional product information available in the final section

Why SUPRA?

There are many cable manufacturers today and how to determine which cable is the best? We at SUPRA know how difficult this is. We too choose various products, car, household machinery and so forth so we know how deceptive outer appearance may be.

You may have already noted the SUPRA cables quite distinctive exterior, SUPRA Ice Blue. This is a conscious choice, offering a distinctive brand image, very typical Scandinavian Swedish and guides your awareness from the clean, sensible appearance to the astonishing performance that awaits beneath.

We wish that our customers enjoy a sensational feeling that comes from knowing the true nature of performance under the surface, with a resemblance of the clean and calm Nordic water and ice.

We guarantee our cable performance to meet and exceed the requirement for transmission without signal degradation within the limitations we specify. Always!

We continue to be in the forefront, thanks to domestic R&D, advanced testing and production. Our cables meet the toughest requirements from the latest standards and regulations and we even push the envelope with our creative innovations. Our custom-designed production plant and thorough testing, ensures top notch products today and tomorrow from Ljungskile, Sweden.

SUPRA

Unbeatable price/performance ratio!

SUBLINK Y-LINK

Analogue Hi-Fi
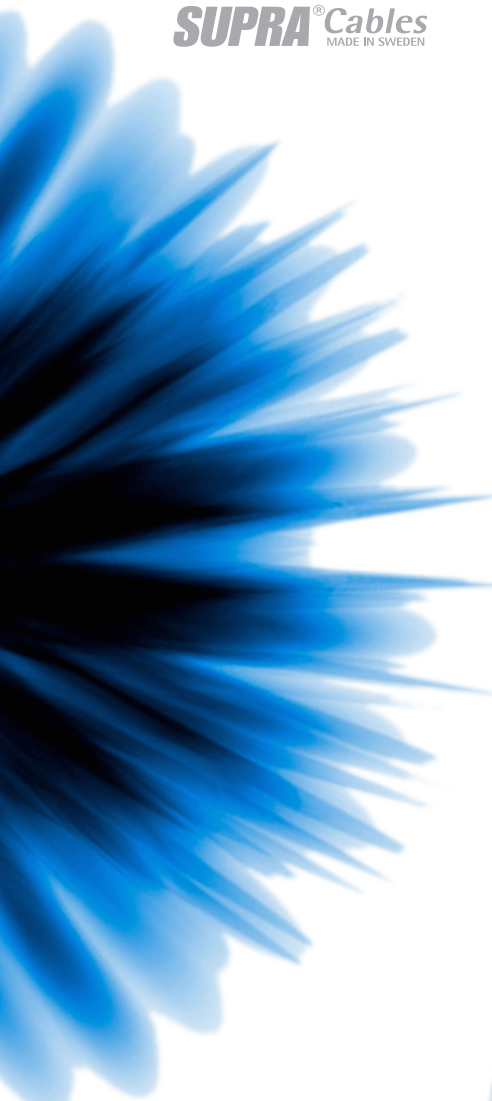
DAC ⊚

Hi-Fi ▫

An interconnect should provide for lowest possible capacitance. The reason is not to influence the timing in any way, the signal from the cable should be completely in-sync with the input irrespective of frequency. The result will be good dynamics, fast clean transients and the sound stage will stay intact, due to the correctly replayed original signal. DAC insulation is foamed PE (poly-ethylene) and it is shielded with the strong semi-conductive twisted nylon ribbon. Its conductive speed reaches 78% of the speed of light, while commonly used Teflon only reaches 71%.

Typical applications: Analogue interconnect between e.g. CD/pre-amplifier/power amplifier.

Suitable connectors: PPX, PPSL, RCA-6 and Swift XLR

Dual ⊚⊚

Hi-Fi ▫

Interconnect with dual-in-line configuration for balanced or semi-balanced wiring. Aluminium foil ribbon and optimal capacitive performance provides for a competitive entry-level interconnect.

Typical applications: Analogue interconnect between e.g. CD/pre-amplifier/power amplifier.

Suitable connectors: RCA-6 and Swift XLR

Semi-balanced connection with RCA

Red
Blue
Screen

Signal source   > Text reading this way >

Balanced connection with XLR

Screen
Red
Blue
1 2   2 1
3   3
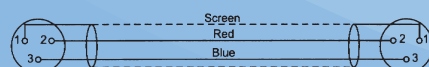
Signal source   > Text reading this way >

Interconnect Cable
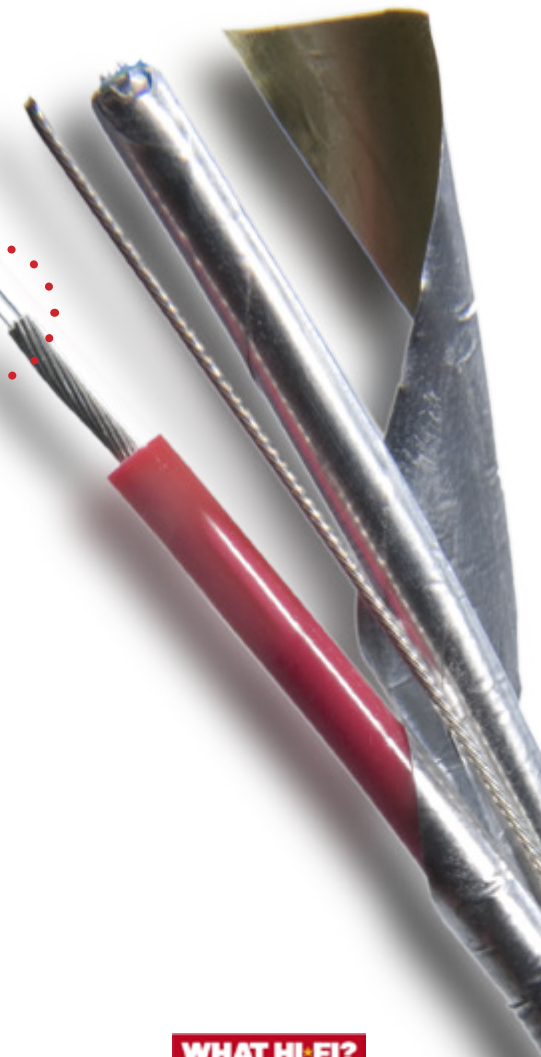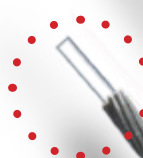
SUPRA EFF-I

Analogue Hi-Fi cable ☐
Multi-test winner!

To reproduce the most exquisite details in music e.g. the solo violinist or perhaps even recognize which Stradivarius he plays, must be the goal for every Hi-Fi system. Each component must be a perfect match and the interconnects between them providing no audible impact from the interconnect itself, the surroundings or any impedance mis-match.

An excellent cable must provide for lowest capacitance and skin-effect. The latter affects the dynamics noticeably; it forces the higher frequencies out to the surface of the conductors. As frequencies change so does conductivity. Sound stage and frequency response will deteriorate and musical vitality is lost. To minimize the skin-effect, EFF-I is designed according to Equalized Frequency Flow Technique. By twinning the strands on a insulator core, a tube-like conductor is achieved with 0.2mm wall thickness with enough allowance for audible skin-effects. The result is equal transmission for all frequencies and the music signal that SUPRA EFF-I carries is true to the source.

Effective skin depth

$$\delta = 1/\sqrt{\pi\,\mu_r\,\mu_0\,\sigma\,f}$$

Less current here
Most current here

| 14.7 mm | 0.91 mm | 0.46 mm |
| Skin depth at 20 Hz | Skin depth at 5 kHz | Skin depth at 20 kHz |

WHAT HI·FI?
SOUND AND VISION
★★★★★

EFF-I
Hi-Fi ☐
Analogue interconnect, e.g. CD/ pre-amplifier/power amplifier

Suitable connectors: SUPRA PPSL, PPX, PPR and SWIFT XLR
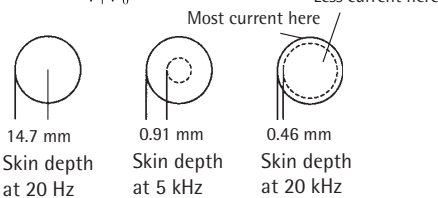
Item	Mechanical Specifications										Electrical Spec.		
	No. of Pairs	Cross. Area (mm²/AWG)	No. Wires	Wiredia. (mm)	Wire Material	Insulation	Screen	Jacket	Ext. Size (mm)	Weight (g/m)	R (Ω/km)	C (pF/m)	Velo. Factor
Dual	2	0.24 / 23	19	0,127	Tin Pl. OFC	PE	Alu/Pet Foil	Heat & Ageing Res. PVC	2 x Ø5.5	70	72	52	0.66c
DAC	1	0.54 / 20	19	0.19	OFC	PE Foam	Cond. Nylon		Ø6.1	43	45	110	0.78c
Eff-i		0.46 / 21	12	0.22	Ag pl. OFC	PE	Alu/Pet Foil		Ø7.2	68	38	75	0.66c

Additional product information available in the final section

EFF–ISL

Analogue interconnect comprising PPSL connectors with clamping for improved contact.

Minimal skin-effect, very low capacitance, quick response. Suitable for CD/pre-amplifier/power amplifier. Correct transients, dynamics and sound stage.

BEST

WHAT HI·FI? SOUND AND VISION ★★★★★

EFF–ISL

DAC-SL

Analogue interconnect comprising PPSL connectors with clamping for improved contact.

Low skin-effect, extremely low capacitance, exceptionally responsive. Suitable for CD/pre-amplifier/power amplifier. Depicts music with natural sound and very clean transients.

BETTER

DAC-SL

EFF–IX

Analogue interconnect comprising PPX connectors.

Minimal skin-effect, very low capacitance, quick response. Suitable for CD/pre-amplifier/power amplifier. Correct transients, dynamics and sound stage.

BEST

WHAT HI·FI? SOUND AND VISION ★★★★★

EFF–IX

DAC–X

Analogue interconnect comprising PPX connectors.

Low skin-effect, extremely low capacitance, exceptionally responsive. Suitable for CD/pre-amplifier/power amplifier. Depicts music with natural sound and very clean transients.

BETTER

DAC-X

EFF–IXLR

Balanced analogue interconnect comprising SWIFT XLR.

Minimal skin-effect, very low capacitance, quick response. Suitable for CD/pre-amplifier/power amplifier. Correct transients, dynamics and sound stage. Balanced for further improved noise rejection. Suitable for advanced home systems.

BEST

EFF–IXLR

DAC–XLR

Balanced analogue interconnect comprising SWIFT XLR.

Low skin-effect, extremely low capacitance, exceptionally responsive. Suitable for CD/pre-amplifier/power amplifier. Correct transients, dynamics and sound stage. Balanced for further improved noise rejection and are suitable for longer distance routing in e.g. studios, advanced home systems.

BETTER

DAC-XLR

EFF–IRB

Analogue interconnect comprising PPR connectors.

Minimal skin-effect, very low capacitance, quick response. Suitable for CD/pre-amplifier/power amplifier. Depicts music with natural sound.

BETTER

EFF–IRB
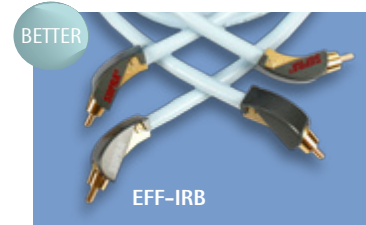
6RCA–6RCA

Analogue interconnect comprising RCA-3 connectors for multi channel e.g. SACD signal transmission. Minimal skin-effect, very low capacitance, quick response. Suitable for multi channel applications where player D/A converter is superior to e.g. A/V receiver. Depicts music with natural sound.

BEST

6 RCA - 6 RCA

Dual–RCA

Analogue interconnect comprising RCA-6 connectors.

Low capacitance, active response. Suitable for CD/pre-amplifier/power amplifier. Test winning entry level cable closer to reality.

GOOD

WHAT HI·FI? SOUND AND VISION ★★★★★

Dual–RCA

SUPRA recommends:

EFF-XLR, DAC-XLR: Advanced home and studio systems

EFF-ISL/-IX/-IRB, DAC-SL/-X: Intermediate up to advanced mid-end home systems

Dual-RCA: Entry level up to intermediate home systems.

Additional product information available in the final section

S U P R A / S w o r d

Sword-I

For audiophiles who desire the full musical experience

Sword Interconnect Cables
SUPRA SWORD–ISL RCA
SUPRA SWORD–IXLR

The Sword speaker cable success gave birth to an idea of an entire series based on the same technology. The SUPRA concept of signal technology based interconnects, with a minimalistic visual foot print, maintaining the signal integrity within the entire audible spectrum, immune to negative noise effects, at a price attractive to everyone, wouldn't that be the ultimate offer to our customers? We think so, hence Sword!

SUPRA Sword is also avai-lable as speaker cable.

Refer to page 23 for further information.

HiFi+ Editors Choice Award
"Best Interconnect over £100"

The Design.
The figure below illustrates the cable design. In each polarity there are twelve individually insulated strands forming two layers, the inner six spun with high pitch in one direction, the outer six in the opposite. This way of strand orientation, efficiently counteracts negative electrical interference giving all audible frequencies uniform transmission conditions and no open window for degrading noise to enter. The music will pass through sounding exactly the same. That is what distinguishes a really transparent cable.

Outer layer of 6 clockwise wound conductors

Fixing jacketing of thin PE

Inner layer of 6 counter–clockwise wound conductors

Core of PE

Shealding

The 6 conudctors of the inner layer are connected to the 6 conductors of the outer layer and all together are connected to the speaker connector.

All SUPRA connectors provide for shielded metal covers and the cables are designed providing SUPRA highly efficient shielding. This results in low noise interconnects. Further, the cable is designed with low capacitance and high speed. This results in correct transients, dynamics, timing and 3D sound stage.
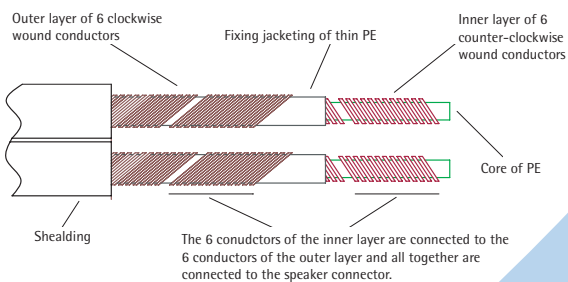
Item	Mechanical Specifications									Electrical Specifications			
	Cross. Area (mm²/AWG)	No. Cond.	Wires/ Cond.	Wiredia. (mm)	Wire Material	Insul- ation	Screen Coverage	Jacket	Ext. Size (mm)	R (Ω/km)	C (nF/m)	Phase Disloc. 0.5-100kHz	Phase Error
Sword-I	1.5 / 15	2	6 + 6	0.4	Enameled OFC	PE	Alu/PET Foil, 100%	PVC Crystal	8	33	0,14	0.96 Deg.	0

Additional product information available in the final section

DAC DUAL SWORD EFF-I

AV Series

AV Series: Audio/Video cable, Multi–coax 75ohm

AV series comprise of individually shielded coaxial cables, hence the name multi-coax. Each true 75ohm coax has a tin plated braided screen and low capacitance thanks to foamed PE insulation. This design is especially suitable for home cinema applications and transmission of either high quality audio or video.

Suitable connectors: DB25, VGA, Scart, RCA, S-VHS, DVI-I and BNC. The timing clearance is better than 2.2nanoseconds, making it very good for RGB transmissions.

Suitable applications:

• home cinema
• high definition video projection
• CG workstations
• studio wiring

The SUPRA AV-6.4 also consist of a twin pair audio cable as a core for the surrounding multi-coax.

AV–2 ▫
AV-2 comprises two coax cables with a common screen foil.
Typical application: S-VHS.
Suitable connectors: SVHS-7 and Scart.
S-video = Y/C.

AV–3 ▫
AV-3 comprises three coax cables with a common screen foil.

Typical application: component video, audio/video.

Suitable connectors: Scart, RCA-3, BNC-3, DVI-I and VGA.

Component video = Y/Cb/Cr.

AV–4 ▫
AV-4 comprises four coax cables with a common screen foil.

Typical application: RGB, component video, audio/video.

Suitable connectors: Scart, RCA-3, BNC-3, DVI-I and VGA.
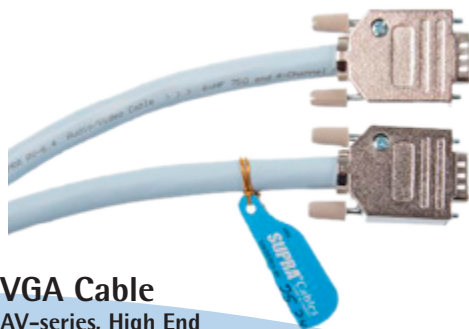
VGA Cable
AV–series, High End
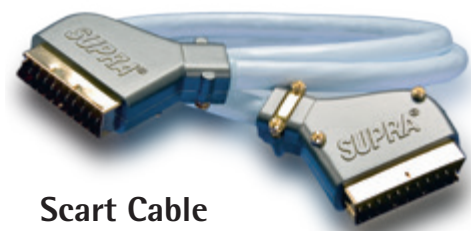
Scart Cable
AV–series, High End

VGA Cable and Scart Cable – AV Series, High end

These combined cables are especially made from the multi-coax, AV cable, featuring true 75ohm for correct impedance match and foam PE insulation for low losses and correct timing. It is utilized in many of our AV combination cables and available pre-terminated in a number of dedicated cables e.g. VGA, RCA, BNC, Scart and DVI, among others. Note type of signal or possible signal directionality in the table below.

• All individually shielded and true 75ohm
• Audio section is separately shielded for a minimum of cross-talk.
• Low capacitance thanks to foam PE insulation
• Common outer foil screen protects the entire cable from noise pick-up

Item		Mechanical Specifications										Electrical Specifications			
	Application Examples	No. of Coax	Cross. Area (mm²/AWG)	No. Wires	Wire Material	Insul-ation	In. Screen Coverage	Coax Jacket	Outer Screen Coverage	Jacket	Ext. Size (mm)	Weight (g/m)	R (Ω/km)	C (pF/m)	Imp. Z (Ω)	Velo. Factor
AV-2	S-video or AV	2	0,20 / 24	1	Tin Plated OFC	PE-Foam	Braid 120x0.10 OFC Sn >95%	Heat & Ageing Resitant PVC	Al/Pet,100%	Heat & Ageing Resitant PVC	Ø7.0	53	87,8	45	75	0.78c
AV-3	Component / AV	3							-		Ø8.0	68				
AV-4	RGB or AV	4							Al/Pet Foil, 100%		Ø9.5	105				
AV-6.4		6 (+4)									Ø11.0	147				

Attenuation: 1MHz/1.4 dB, 5MHz/3.1dB, 10MHz/4.4dB, 50MHz/9.8dB

Additional product information available in the final section

AV–6.4 ◻

AV-6.4 comprises six coax cables with a common screen foil spun around a core of 2 pair audio cable with an individual shield.

Typical application:
RGB, S-VHS, component and composite video and audio.

Suitable connectors: Scart, VGA, SVHS-7 and RCA-3.
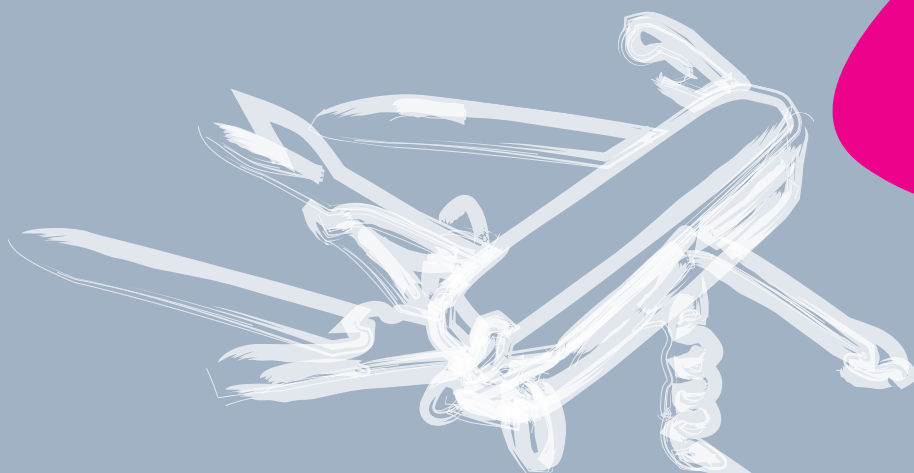
SUPRA - Custom Order Cables

Inside the solder team dept. in Ljungskile, Sweden
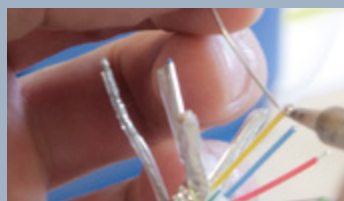
All SUPRA cables are soldered by craftsmen certified up to military specifications.

Thanks to our flexible production, skilled craftsmen, all certified for military specification soldering, we can offer custom tailored cables from your own specification. Choose cable, length and connectors and we do the rest. Furthermore we can repair and/or alter your existing cables. Submit an inquiry at your local SUPRA dealership for price and technical review.

SUPRA ®Cables
MADE IN SWEDEN
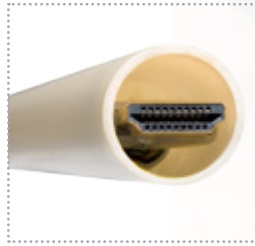
HDMI MET S/B FRHF
HDMI–DVI MET S/B FRHF
High speed digital multimedia cable with removable connector housing allows for permanent in-wall installations in 20mm tubes or 25mm conduits.

Available in 1-30meter lengths and both in PVC- and FRHF insulation.

CLASSIC/H Speaker Cable
High quality speaker cable with two tin plated, multi-strand, conductors. Made from 5N OF copper. Available area between 1.6 to 6mm² and both in PVC- and FRHF insulation.

RONDO/H Speaker Cable
High quality speaker cable with four tin plated, multi-strand, conductors, and high pitch twisted for noise cancellation. Made from 5N OF copper. Available area between 1.6 to 6mm² and both in PVC- and FRHF insulation.

CAT7+ FRHF Network Cable
Very fast, high quality network cable, available pre-terminated with RJ45 connectors or bulk and with FRHF insulation.

DVI FRHF
Single-link or dual-link DVI cable available both as PVC- and FRHF insulated and pre-terminated with shielded aluminium housing connectors. 1-20meter lengths.

MB/H Series Installation
Balanced Microphone and Line cable. one, two or four pair configuration with individual shield and jacket for each pair. Refer to page 47 for additional information.

Suitable for: Permanent installation, balanced wiring e.g. studios, stages and so on.

We deliver!

SUPRA have developed a number of permanent installation products for both home and public applications.

FRHF Series is halogen free and flame retardant and has earned an E-number for the European market.

Additional product information available in the final section

SUPRA Cables
MADE IN SWEDEN

MBS Microphone Cable ■
On-stage, in studios

A no-compromise design, both mechanically and electrically. Negligible microphony, high noise rejection, low capacitance, high flexibility, high bending strength. The best microphone and instrument cable for professionals.

Balanced two pair cable with individual shields and jackets.

Typical applications: permanent installation, balanced wiring

MB Multi-series ■
Permanent installations

A no-compromise design, both mechanically and electrically. Negligible microphony, high noise rejection, low capacitance.

The jacket insulation is thinner and shield is an aluminium screen to suit permanent installations.

CUEFLEX DMX512 ■
Control Cable

The standard DMX512-A has provided for this cable design suitable for lights control, CAN Bus and digital AES/EBU (EAS3). Its characteristics is very low capacitance, true 120ohm, double shielded, yet flexible. The applications are countless, but aimed for pro-stage and studio.

Item			Mechanical Specifications												Electrical Specifications			
	No. pair	Application Examples	Cross. Area (mm^2/AWG)	No. of Cond./Pair	No. Wires	Wiredia. (mm)	Wire Material	Insulation	Screen	Tensile Re-inforcem.	Jacket	Dia. (mm)	Temp. Range (°C)	Weight (g/m)	R (Ω/km)	C (pF/m)	Imp. Z (Ω)	Velo. Factor
MBS	1	Mic./Line	0.24 / 23	2 + Drain Wire	19	0,127	Tin plated OFC	PE	Cond. Nylon	Polyester	Heat & Res. PVC	Ø5.5	-20 to +90	34	72	52	70	0.66c
CueFlex		DMX512						PE Foam	Alu/PET+Braid			Ø6.5		56	72	32	110	0.78c

Additional product information available in the final section

MIC/LINE INSTALLATION

MB–01/H Installation ◼
Mic/Line cable Balanced

Single pair, shielded for permanent installation

MB–02/H Installation ◼
Mic/Line cable Balanced

Two pair, individual shield and jacket for permanent installation

MB–04/H Installation ◼
Mic/Line cable
Balanced

Four pair, individual shield and jacket for permanent installation

MB–08 Installation ◼
Mic/Line cable
Balanced

Eight pair, individual shield and jacket for permanent installation

Item		Mechanical Specifications													Elec. Spec.	
	No. of Pairs	Application Examples	Cross. Area (mm^2/AWG)	No. Wires	Wirediа. (mm)	Wire Material	Insul-ation	No. of Cond.	Drag-armering	Screen	Pair-Jacket	Jacket	Temp.-Rge (°C)	Ext. Size (mm)	Weight (g/m)	R (Ω/km)	C (pF/m)
MB-01/H	1	Analogue Audio Mic./Line Installation	0.24 / 23	19 pcs / Cond.	0,127	Tin-Plated OFC	PE	2	-	Alu/PET Foil	PE	PE	-20 to + 90	Ø4.8	32	72	52
MB-02/H	2							2 + Drain Wire	Polyester/ Silk Yarn			FRHF		Ø7.0	42		
MB-04/H	4													Ø8.0	72		
MB-08	8											PVC		Ø10.8	130		

Additional product information available in the final section

SUPRA ®Cables
MADE IN SWEDEN

Line Connectors

BNC–3
24K gold plated BNC plug, true 75ohm for crimping. Fits 3mm cables e.g. AV series multi-coax.

BNC–6
24K gold plated BNC plug, true 75ohm for crimping. Fits 6mm cables e.g. AnCo.

BNC–8
24K gold plated BNC plug, true 75ohm for crimping. Fits 7-8.5mm cables e.g. Trico.

Available in a 2 pc/pack or 50 pcs bulk.

SCART
24K gold plated connectors in a shielded aluminium housing. Cable clamp with soft bending. Cable orientation providing for narrow multi-Scart connections e.g. back of a TV-set. Fits 8-11mm cables.

SVHS–7
24K gold plated connector for soldering, heat resistant Teflon insulation and shielded metal housing. Fits up to 7mm cables e.g. AV-2.

Available in a 1 pc/pack or 50 pcs bulk.

MP–8 Mini Jack Plug Stereo
24K gold plated, shielded connector housing. Fits cables up to 8mm e.g. BiLine. Note the unusually large cable diameter capacity! Further the plug is adjusted to fit flush mount female chassis connectors.

MP–8 Mini Jack Plug Mono
24K gold plated, shielded connector housing. Fits cables up to 8mm e.g. Trico. Mono version for computer and e.g. A/V receiver for digital S/PDIF.

Available in 2 pc/pack or 50 pcs bulk.

VGA–11
24K gold plated DB15HD connector and Teflon heat resistant insulation, Fits cables up to 11mm e.g. AV series Available in 1 pc/pack or 50 pcs bulk.

Acon–F, Acon–M
24K gold plated PAL TV/radio a erial connector, true 75ohm and fully shielded. Fits cables up to 6mm e.g. AnCo.

Available in 1 pair/pack or 50 pair bulk.

SUPRA DVI Connector

24K gold plating. Removable housing for optimal in-wall installation. Shielded aluminium housing.

DVI-I 24+5 Connector
Combined digital and analogue contact. Primarily for analogue applications e.g. AV-3, -4 and -6.4 for component or RGB video.

DVI-D 18+1 Single-Link Connector
Same as above except for digital applications e.g. HD5.

DVI-D 24+1 Dual-Link Connector
Same as above except for digital applications e.g. HD7.

Available in 1 pc/pack or 50 pcs bulk

Item	Mechanical Specifications								
	Connector	Male/ Female	Pin Material	Insulation	Housing	Connector Fixing	Cable Clamping	Max Cable Dia. (mm)	Ext. Size BxHxL (mm)
Acon-F	Aerial	Female	24K Gold Plated OFC	PTFE (Teflon)	Shielded	Spring Plate	Clamp	Ø6.2	Ø13x36
Acon-M									
BNC-3	BNC	Male				Bayonet	Crimp	Ø3.2	Ø15x25
BNC-6								Ø6.2	Ø15x25
BNC-8							Clamp	Ø8.0	Ø13x52
DVI-I	DVI-I 24+5			SPS	Aluminium, Shielded	Screw		Ø11	48x39x15
DVI-D	DVI-D 18+1								
MP-8 Mono	Jack Plug 3.5mm			Noryl	Shielded	-		Ø8.5	Ø13x52
MP-8 Stereo								Ø8.5	Ø13x52
Scart	Scart				Shield. fr. Mount.			Ø11.0	48x20x60
SVHS-7	S-video			PTFE (Teflon)	Shielded			Ø7.0	Ø13x42
VGA-11	DB15 (HD)				Shield. fr. Mount.	Skruv		Ø11.0	31x44x15

Additional product information available in the final section

Line Connectors

Swift XLR Au Set
Patented design, 24K gold plated XLR connector. RF tight shield, easy to assemble after solder housing. No loose parts.

Available in one male and one female/pack or 10M+10F bulk.

RCA–3
24K gold plated RCA (phono) plug with Teflon heat resistant insulator and shielded metal housing. Fits 3mm cables e.g. AV series multi-coax. Separate markings in various purpose colours included.

Available in 1 pair/pack or 50 pair bulk.

RCA–3 RGB Set
Same as above except available in a three plug set with markings corresponding to RGB included.

Available in 3 pcs/pack (RGB) or 50 pcs per RGB.

RCA–6
24K gold plated RCA (phono) plug with Teflon heat resistant insulator and shielded metal housing. Squeeze clamping, fits 5-6mm cables. Red and white marking. Available in 1 pair/pack or 50 pair bulk.

PPSL – The Exclusive
24K gold plated RCA (phono) plug with Teflon heat resistant insulator, metal housing and sturdy design. Squeeze clamping for both contact grip and cable clamp, up to 7.7mm cables. Body machined from one piece. Front mounted cover sleeve with printed marking. Available in 1 pair/pack or 50 pair bulk.

PPX – The Rational
24K gold plated RCA (phono) plug with Teflon heat resistant insulator, shielded metal housing and sturdy design. Fits up to 8,5mm cables. Contact body machined from one piece. Front mounted cover sleeve with printed red or black marking. Available in 1 pair/pack or 50 pair bulk.

PPR–B – The Angeled one
24K gold plated angled RCA (phono) plug with same specifications as RCA-6. Available in 1 pair/pack or 50 pair bulk.

Gold plated XLR pins (SUPRA Swift)

Double–sided cable tape MT6 & MT9
Suitable for on-wall cable mounting and available in 6 and 9mm width. Sticks to most surfaces provided they are clean and dry prior to mounting. An alternative installation method to cable conduits.

Cable Accessories
Accessories for protecting, wiring and routing in a more lavish way e.g. for visible installations. Available in kit.

Item	Mechanical Specifications						
	Pict. Ref.	Application Examples	Colour	Fit Dia. (mm)	Inner Size (mm)	Ext. Size (mm)	Temp. Range (°C)
Bending Protection S-7	G	Fit Ply 2.0 & 3.4	Ice Blue	Ø5.5-Ø7	Ø7	Ø9.5x45	-30 to +70
Bending Protection S-9	H	Fit Ply 3.4/S		Ø7.5-Ø9	Ø8.5	Ø12x45	
Bending Protection S-15	I	Fit Quadrax		Ø14-Ø16	Ø15	Ø18x48	
Termination Trousers	J-K	Y-split, Biline	Wht/Blue	Ø7.5-Ø9.0	Ø8.5	Ø9.5	
Heat Shrink Hose 10	F	Fixing	White	Ø5-Ø10	Ø10 (Ø5)	Ø13.5	-55 to 135
Heat Shrink Hose 12	E	of	Black	Ø6.4-Ø12.5	Ø12.7 (Ø6.4)	Ø14	
Heat Shrink Hose 19	D	Nylon Braid		Ø9.5-Ø19.0	Ø19.1 (Ø9.5)	Ø20.5	
Nylon Braid 8	C	Fit Line Cables	White	Ø5-Ø8	Ø8	Ø9	-70 to +125
Nylon Braid 10	B	Bunching of	Black	Ø7-Ø15	Ø10	Ø11	
Nylon Braid 15	A	Speaker Cable		Ø10-Ø21	Ø15	Ø16	
Mounting Tape MT6	-	Double-Sided	Trans-parent	6-9mm	-	6mm,10m	-30 to -+70
Mounting Tape MT9		Adhesive Tape		9-15mm		9mm,10m	

Item	Mechanical Specifications							
	Connector	Pin Material	Insulation	Housing	Connector Fixing	Cable Clamping	Max Cable Dia. (mm)	Ext. Size ØxL (mm)
PPSL	RCA Male	24K Gold Plated OFC	PTFE (Teflon)	Shielded Fr. Mounted	Chuck	Chuck	Ø7.7	Ø13x53
PPX						Screw	Ø8.5	Ø13x43
RCA-3 A/V				Shielded	Expansion	Crimp	Ø3.2	Ø12x50
RCA-6							Ø6.5	
PPR-B				Shielded Front Mounted		Quick Lock	Ø8.5	13,5x46
Swift XLR 3M	XLR Male		Noryl		Quick Lock	Quick Lock	Ø7.7	Ø19x70
Swift XLR 3F	XLR Female						Ø7.7	Ø19x75
DVI-I	DVI-I 24+5 Male		SPS	Aluminium, Shielded	Skruv	Clamp	Ø11	48x39x15
DVI-D	DVI-D 18+1 Male							

Additional product information available in the final section

Selected Awards and Reviews

Product	Award/Review	Publication	Year	Country
Quadrax Speaker Cable , Danish	Review	www.hifi4all.dk	2012	Denmark
Quadrax Speaker Cable, English	Review	www.hifi4all.dk	2012	Denmark
HDMI Met-S/B Cable	Gold Award	on OFF	2012	Spain
USB Cable	★★★★★	What Hi-Fi	2012	UK
Sword-isl	★★★★★	on OFF	2012	Spain
EFF-IRB	Review	What Hi-Fi	2012	Russia
Ply 3.4 & Rondo 2x2.5	Review	Stereo	2011	Russia
HDMI-HDMI Met-S/B	Review	What Hi-Fi	2011	Russia
Ply Speaker Cable	Outstanding Product	Hi-Fi News	2010	UK
Mains Block MD06-BS/SP	★★★★	Hi-Fi Choice	2009	UK
Mains Block MD06-BS/SP	Highly Commended	Hi-Fi News	2009	UK
Mains Block MD06-EU/SP	Test	Haute Fidélité	2009	France
Sword-ISL_Interconnect	Highly Commended	Hi-Fi News	2009	UK
Sword-ISL Interconnect	Bronze Award	Hi-Fi Choice	2009	UK
HF100 HDMI Cable	★★★★★	What Hi-Fi	2008	UK
Eff-IX Interconnect	Silver Award	Hi-Fi Choice	2008	UK
AnCo Digital Interconnect	Best Buy	Hi-Fi Choice	2008	UK
EFF-IX Interconnect	Best Buy	Hi-Fi Choice	2008	UK
HF100 HDMI Cable	★★★★	What Video	2007	UK
Mains Block MD06-BS/SP	★★★★	What Hi-Fi	2007	UK
HF100 HDMI Cable	Review	AV Review	2007	UK
EFF-IX Interconnect	★★★★★	What Hi-Fi	2007	UK
Dual Interconnect	★★★★★	What Hi-Fi	2007	UK
Rondo 2x2.5	★★★★	What Hi-Fi	2007	UK
AnCo Component Cable	★★★★★	What Hi-Fi	2007	UK
EFF-IX Interconnect	★★★★★	What Hi-Fi	2007	UK
EFF and Dual Interconnects	★★★★★	What Hi-Fi	2007	UK
Sword-ISL	Test	Hi-Fi World	2007	UK
Sword-ISL, Editor's Choice	Test	Hi-Fi Choice	2007	UK
Scart AV6.4 Cable	★★★	Active Home	2007	UK
HF100_HDMI Cable	★★★★★	Active Home	2007	UK
AnCo Component	★★★★	Active Home	2007	UK
Sword Cables	Test	Hi-Fi Plus	2007	UK
Sword Cables 123	Test	Internet	2007	Holland
Mains Block MD06-EU/SP	Test	Stereo	2006	Germany
Sword Interconnects	Review	Stereo	2006	Germany
Sword-ISL Interconnect	Test	Bild & Ljud Hemma	2006	Sweden
HF100 HDMI Cable	Test	HiVi	2006	Japan
SUPRA Factory	Article	HiVi	2006	Japan
LoRad Mains Cord Set	Test	Hi-fi Choice	2006	UK
HDMI HF100	News	What Hi-Fi	2006	UK
Sword Speaker Cable	Test	Hi-Fi+	2006	UK
FS_Scart_Cable	Test	The Independent	2006	UK
Biline MP-RCA	Test	Mac Format	2006	UK
Anco Component Video	Test	What Hi-Fi	2006	UK
Sword-isl Interconnect	Test	Hi-Fi & Musik	2006	Sweden
Sword Jumper	Review	Stereo	2006	Germany
FS Scart Cable	Test	What Hi-Fi	2005	UK
FS_Scart_Cable	Test	Home Cinema	2005	UK
LoRad Cord Set	Test	What Hi-Fi	2005	UK
HF100 HDMI Cable	Test	Home Cinema	2005	UK
Sword 3.0 Speaker Cable	Test	Hi-Fi +	2005	UK
SUPRA Factory	Article	Stereo	2004	Germany
Sword 3.0 Speaker Cable	Test	Alta Fidelidad	2004	Spain
Sword 3.0 Speaker Cable	Test	www.tnt-audio.com	2003	Internet
Eff, Trico & Sword	Multi Test	Stereo	2003	Germany
Rondo 4x2.5 Speaker Cable	Test	www.tnt-audio.com	2003	Internet
Trico-RCA Video/Digital Cable	★★★★★	Hi-fi Choice	5/2003	England
AV-3 Component Cable	★★★★★	What Hi-fi	10/2002	England
X-Zac Fiber Optic Cable	★★★★★	What Hi-fi	9/2002	England
Rondo 4x2.5 Speaker Cable	★★★★★	What Hi-fi	9/2002	England
Scart RGB Cable	★★★★★	What Hi-fi	4/2002	England
EFF-ISL and Screened PLY 3.4	Test	Stereo Times	2001	U.S.A
Classic 4.0 speaker Cable	Best Buy	What Video & TV	4/2000	England
PLY 3.4/S Speaker cable	Review	www.tnt-audio.com	1999	www
EFF-ISL Interconnect	Best Buy	Hi-Fi Choice	3/1999	England

You will find all our awards & rewards on our homepage www.jenving.se

Directionality

We have proven that cables are directional

We have proven that cables are directional. However, ideally, there are no reason for this directionality, but nature is not ideal. If we look at the electron theory only, we may assume all cables are isomorphic. It furthers ignore signal and energy directions.

In reality the wires are rolled and drawn several times to the final dimension, not moulded. The process causes pro-longed crystals giving a axial polarity. Annealing, cryo treatments and burn-in, may reduce or intensify these characteristics but only partially.

All SUPRA, cables are directionally orientated and marked by two methods. The simplest is that copper wire direction is known from the cable drum.

The second, cutting-edge technology allows us as the first manufacturer to actually measure the directionality among other characteristics. The spectral technique is developed as a joint venture between audio consultant Ben Duncan and Jenving Technology AB. It comprises measures that correspond more accurately to reality compared to simple non-complex sources.

The repeated significance show a typical harmonic noise increase by 0.5dB when signal is forced in opposite direction from the draw direction. In real-life application we estimate the difference to be even larger.

Soldering

All SUPRA cables are soldered with a lead free, silver solder containing a non-corrosive flux. The silver solder brand we recommend includes also copper, called Multicore TSC-96. Silver is closer to copper in the periodic table adding less voltaic in the joint. The SUPRA manufacturing personnel are all certified to military standards.

A poor joint depends either on too low or excessive heat. The flux is necessary to eat through the surface of the joints allowing the solder to melt and reach a perfect, electrically transparent, connection. If the solder will not remove the surface oxide and melt properly, there will be a dry joint, which is not airtight and eventually a poor electrical contact. In worst case it will come off and short circuit causing damages.

The flux is embedded in the solder, and vaporises quickly when heated leaving no residue in the joint. The SUPRA connectors are insulated with Teflon to be able to withstand the intense peak temperature required for a perfect solder joint. We always recommend leaving soldering to the trained professionals.

Contact us whenever you have a question.

PRODUCT INFORMATION

	PRODUCT GROUP	PRODUCT	QTY/ UNIT		E-NO.	ITEM NO.
6	**HDMI & DVI CABLES**	HD5 HDMI/DVI/DP BLUE B300	300	M		1001000056
		HD5/H HDMI/DVI/DP FRHF BLUE B300	300	M		1001000072
		HD7 DVI DUAL-LINK BLUE B250	250	M		1001000080
		HD7/H DVI DUAL-LINK FRHF BLUE B250	250	M		1001000098

	PRODUCT GROUP	PRODUCT	QTY/ UNIT		E-NO.	ITEM NO.
7	**HDMI-HDMI CABLES**	HDMI-HDMI HD A/V 0.5M	1	PC	6243247	1001100757
	HDMI High Speed	HDMI-HDMI HD A/V 1M	1	PC	6243121	1001100252
	with Ethernet (v1.4)	HDMI-HDMI HD A/V 1.5M	1	PC	6243122	1001100732
		HDMI-HDMI HD A/V 2M	1	PC	6243123	1001100013
		HDMI-HDMI HD A/V 3M	1	PC	6243124	1001100609
	HDMI in Flame	HDMI-HDMI HD A/V 4M	1	PC	6243125	1001100260
	Retardant & Halogen	HDMI-HDMI HD A/V 5M	1	PC	6243126	1001100625
	Free, see FRHF section.	HDMI-HDMI HD A/V 6M	1	PC	6243127	1001100583
		HDMI-HDMI HD A/V 8M	1	PC	6243128	1001100278
		HDMI-HDMI HD A/V 10M	1	PC	6243129	1001100492
		HDMI-HDMI HD A/V 12M	1	PC	6243130	1001100237
		HDMI-HDMI HD A/V 15M	1	PC	6243131	1001100245

	PRODUCT GROUP	PRODUCT	QTY/ UNIT		E-NO.	ITEM NO.
8	**HDMI-HDMI MET-S/B**	HDMI-HDMI MET-S/B HD A/V 1M	1	PC	6243250	1001100815
	CABLES	HDMI-HDMI MET-S/B HD A/V 2M	1	PC	6243251	1001100823
	High Speed HDMI Cable	HDMI-HDMI MET-S/B HD A/V 3M	1	PC	6243252	1001100831
	with Ethernet (v1.4)	HDMI-HDMI MET-S/B HD A/V 4M	1	PC	6243253	1001100849
		HDMI-HDMI MET-S/B HD A/V 5M	1	PC	6243254	1001100856
	Comes with Straight type	HDMI-HDMI MET-S/B HD A/V 6M	1	PC	6243255	1001100864
	HDMI housings applied.	HDMI-HDMI MET-S/B HD A/V 8M	1	PC	6243256	1001100872
	1 pc. of Bent type housing	HDMI-HDMI MET-S/B HD A/V 10M	1	PC	6243257	1001100880
	attached in the blister.	HDMI-HDMI MET-S/B HD A/V 12M	1	PC	6243258	1001100898
		HDMI-HDMI MET-S/B HD A/V 15M	1	PC	6243259	1001100906
		HDMI-HDMI MET-S/B HD A/V 20M	1	PC	6243310	1001101557
		HDMI-HDMI MET-S/B HD A/V 25M	1	PC	6243311	1001101565
		HDMI-HDMI MET-S/B HD A/V 30M	1	PC	6243312	1001101573
	*Customized lengths	HDMI-HDMI MET-S/B HD A/V W/O CABLE*	1	PC		1001101300
8	**HDMI EXTENDER**	EXTENDER XT80 HDMI HIGH SPEED	1	PC	6243245	1021000052

	PRODUCT GROUP	PRODUCT	QTY/ UNIT		E-NO.	ITEM NO.
9	**DVI-DVI CABLES**	DVI-DVI SINGLE-LINK 1M	1	PC	6243100	1001100369
	SINGLE-LINK	DVI-DVI SINGLE-LINK 2M	1	PC	6243101	1001100377
		DVI-DVI SINGLE-LINK 3M	1	PC	6243102	1001800497
	DVI-D 18+1	DVI-DVI SINGLE-LINK 4M	1	PC	6243103	1001100385
		DVI-DVI SINGLE-LINK 5M	1	PC	6243104	1001100690
	DVI in Flame	DVI-DVI SINGLE-LINK 6M	1	PC	6243105	1001100559
	Retardant & Halogen	DVI-DVI SINGLE-LINK 8M	1	PC	6243106	1001100393
	Free, see FRHF section.	DVI-DVI SINGLE-LINK 10M	1	PC	6243107	1001100500
		DVI-DVI SINGLE-LINK 12M	1	PC	6243108	1001100344
		DVI-DVI SINGLE-LINK 15M	1	PC	6243109	1001100351
		DVI-DVI SINGLE-LINK 20M	1	PC	6243110	1001100427
	*Customized lengths	DVI-DVI SINGLE-LINK W/O CABLE*	1	PC		1001100401

	PRODUCT GROUP	PRODUCT	QTY/UNIT		E-NO.	ITEM NO.
9	**DVI-DVI CABLES**	DVI-DVI DUAL-LINK 1M	1	PC	6243296	1001101607
	DUAL-LINK	DVI-DVI DUAL-LINK 2M	1	PC	6243298	1001101615
		DVI-DVI DUAL-LINK 3M	1	PC	6243299	1001101623
	DVI-D 24+1	DVI-DVI DUAL-LINK 4M	1	PC	6243300	1001101631
		DVI-DVI DUAL-LINK 5M	1	PC	6243301	1001101649
		DVI-DVI DUAL-LINK 6M	1	PC	6243302	1001101656
		DVI-DVI DUAL-LINK 8M	1	PC	6243303	1001101664
		DVI-DVI DUAL-LINK 10M	1	PC	6243293	1001101672
		DVI-DVI DUAL-LINK 12M	1	PC	6243294	1001101680
		DVI-DVI DUAL-LINK 15M	1	PC	6243295	1001101698
		DVI-DVI DUAL-LINK 20M	1	PC	6243297	1001101706
	*Customized lengths	DVI-DVI DUAL-LINK W/O CABLE*	1	PC		1001101714
9	**HDMI<->DVI CABLES**	HDMI-DVI HD VIDEO 1M	1	PC	6243111	1001100195
	High Speed, Single-Link	HDMI-DVI HD VIDEO 2M	1	PC	6243112	1001100203
		HDMI-DVI HD VIDEO 3M	1	PC	6243113	1001100658
		HDMI-DVI HD VIDEO 4M	1	PC	6243114	1001100211
	HDMI-DVI in Flame	HDMI-DVI HD VIDEO 5M	1	PC	6243115	1001100666
	Retardant & Halogen	HDMI-DVI HD VIDEO 6M	1	PC	6243116	1001100575
	Free, see FRHF section.	HDMI-DVI HD VIDEO 8M	1	PC	6243117	1001100229
		HDMI-DVI HD VIDEO 10M	1	PC	6243118	1001100567
		HDMI-DVI HD VIDEO 12M	1	PC	6243119	1001100179
		HDMI-DVI HD VIDEO 15M	1	PC	6243120	1001100187
9	**HDMI<->DVI MET-S/B**	HDMI-DVI MET-B HD VIDEO 1M	1	PC		1001100914
	CABLES	HDMI-DVI MET-B HD VIDEO 2M	1	PC		1001100922
		HDMI-DVI MET-B HD VIDEO 3M	1	PC		1001100971
	Comes with Straight type	HDMI-DVI MET-B HD VIDEO 4M	1	PC		1001100997
	HDMI housings applied.	HDMI-DVI MET-B HD VIDEO 5M	1	PC		1001101003
	1 pc. of Bent type housing	HDMI-DVI MET-B HD VIDEO 6M	1	PC		1001101011
	attached in the blister.	HDMI-DVI MET-B HD VIDEO 8M	1	PC		1001101029
		HDMI-DVI MET-B HD VIDEO 10M	1	PC		1001101037
		HDMI-DVI MET-B HD VIDEO 12M	1	PC		1001101045
		HDMI-DVI MET-B HD VIDEO 15M	1	PC		1001101052
	*Customized lengths	HDMI-DVI MET-B HD VIDEO W/O CABLE*	1	PC		1001101532
9	**HDMI & DVI ADAPTERS**	DVI-HDMI F-M ADAPTER	1	PC	6243090	1001100153
		HDMI-DVI F-M ADAPTER	1	PC	6243091	1001100161
	HDMI 90-deg adapter	HDMI F-M SA90+ ADAPTER	1	PC	6243249	1011001284
	Female to Male	HDMI F-M SA90- ADAPTER	1	PC	6243248	1011001292

	PRODUCT GROUP	PRODUCT	QTY/UNIT		E-NO.	ITEM NO.
11	**LORAD MAINS CABLES**	LORAD 3X1.5 BLUE B100	100	M	0507512	3004000018
	110V-240V	LORAD 3X2.5 BLUE B50	50	M	0507521	3004000026
		AC-SENSOR 110-230V	1	PC		1071100026
12	**LORAD MAINS BLOCKS**	MAINS BLOCK MD-06EU MKII	1	PC	2403779	3024000022
	110-240V	MAINS BLOCK MD-06EU/SP	1	PC	2403780	3024000030
	240V, 16A	MAINS BLOCK MD08-16-EU/MSP	1	PC	2403782	3024000089
		MAINS BLOCK MD-06BS/SP	1	PC		3024000063
		MAINS BLOCK MD-06US	1	PC		3024000048
		MAINS BLOCK MD-06US/SP	1	PC		3024000055
	LORAD MAINS BLOCKS	MAINS BLOCK MD06-EU/SP+CS2.5 1.5M	1	SET		3024000113
	incl. CABLE	MAINS BLOCK MD06-EU/SP+CS2.5 2M	1	SET		3024000097
		MAINS BLOCK MD06-EU MK2+CS2.5 1.5M	1	SET		3024000121
		MAINS BLOCK MD06-EU MK2+CS2.5 2M	1	SET		3024000105
14	**LORAD MAINS CORD**	LORAD 1.5 CS-EU 1M	1	PC	2403783	3004100248
	SETS	LORAD 1.5 CS-EU 1.5M	1	PC	2403784	3004100156
	110V-240V	LORAD 1.5 CS-EU 2M	1	PC	2403785	3004100164
		LORAD 1.5 CS-EU 4M	1	PC	2403786	3004100255
	*Customized lengths	LORAD 1.5 CS-EU W/O CABLE*	1	PC		3004100198
	British	LORAD 1.5 CS-BS 1M	1	PC		3004100222
		LORAD 1.5 CS-BS 1.5M	1	PC		3004100123
		LORAD 1.5 CS-BS 2M	1	PC		3004100172
		LORAD 1.5 CS-BS 4M	1	PC		3004100230
		LORAD 2.5 CS-EU 1M	1	PC	2403787	3004100263
		LORAD 2.5 CS-EU 1.5M	1	PC	2403788	3004100099
		LORAD 2.5 CS-EU 2M	1	PC	2403789	3004100081
		LORAD 2.5 CS-EU 4M	1	PC	2403790	3004100271
	*Customized lengths	LORAD 2.5 CS-EU W/O CABLE*	1	PC		3004100180
14	240V, 16A	LORAD 2.5 CS-16-EU 1M	1	PC	2403792	3004100370
		LORAD 2.5 CS-16-EU 1.5M	1	PC	2403791	3004100354
		LORAD 2.5 CS-16-EU 2M	1	PC	2403793	3004100388
		LORAD 2.5 CS-16-EU 4M	1	PC	2403794	3004100396
	*Customized lengths	LORAD 2.5 CS-16-EU W/O CABLE*	1	PC		3004100446
15	**LORAD MAINS PLUGS**	MAINS JACK MCH-10 MALE	1	PC	2403773	3014000057
	110V-240V	MAINS PLUG MC-BS MALE	1	PC		3014000032
		MAINS PLUG SW-EU MALE BULK	50	PC	2403772	3014000073
		MAINS PLUG SWF-10S FEMALE	1	PC	2403775	3014000081
		MAINS PLUG SWF-10S FEMALE BULK	50	PC	2403776	3014000099
	16A	MAINS PLUG SWF-16 FEMALE	1	PC	2403777	3014000107
		MAINS PLUG SWF-16 FEMALE BULK	50	PC	2403778	3014000123
	US/NEMA	MAINS PLUG SW-US MALE	1	PC		3014000115
		MAINS PLUG SW-US MALE BULK	50	PC		3014000131

	PRODUCT GROUP	PRODUCT	QTY/ UNIT		E-NO.	ITEM NO.
	LOUDSPEAKER CABLES	FLAT 2x1.6 WHITE 10M (TAPE INCLUDED)	1	PC		1000000933
	FLAT	FLAT 2x1.6 WHITE 20M (TAPE INCLUDED)	1	PC		1000000941
	NEWS	FLAT 2x1.6 WHITE B200	200	M	4800053	1000000925

	PRODUCT GROUP	PRODUCT	QTY/ UNIT		E-NO.	ITEM NO.
19	**LOUDSPEAKER CABLES**	CLASSIC MINI 2X1.6 WHITE 10M	1	PC		1000000339
	CLASSIC	CLASSIC MINI 2X1.6 WHITE 20M	1	PC		1000000347
		CLASSIC MINI 2X1.6 WHITE B100	100	M		1000000271
	Classic in Flame	CLASSIC MINI 2X1.6 WHITE B300	300	M	4866203	1000000115
	Retardant & Halogen	CLASSIC 2X1.6 BLUE 10M	1	PC		1000000354
	Free, see FRHF section.	CLASSIC 2X1.6 BLUE 20M	1	PC		1000000362
		CLASSIC 2X1.6 BLUE B300	300	M	4866213	1000000065
		CLASSIC 2X2.5 BLUE 5M	1	PC		1000000370
		CLASSIC 2X2.5 BLUE 10M	1	PC		1000000388
		CLASSIC 2X2.5 BLUE 20M	1	PC		1000000396
		CLASSIC 2X2.5 WHITE 5M	1	PC		1000000768
		CLASSIC 2X2.5 WHITE 10M	1	PC		1000000776
		CLASSIC 2X2.5 WHITE 20M	1	PC		1000000784
		CLASSIC 2X2.5 BLUE B200	200	M	4866223	1000000081
		CLASSIC 2X2.5 GREY B200	200	M	4866233	1000000198
		CLASSIC 2X2.5 WHITE B200	200	M	4800063	1000000099
		CLASSIC 2X4.0 BLUE 5M	1	PC		1000000404
		CLASSIC 2X4.0 BLUE 10M	1	PC		1000000412
		CLASSIC 2X4.0 BLUE 20M	1	PC		1000000552
		CLASSIC 2X4.0 WHITE 5M	1	PC		1000000818
		CLASSIC 2X4.0 WHITE 10M	1	PC		1000000792
		CLASSIC 2X4.0 WHITE 20M	1	PC		1000000800
		CLASSIC 2X4.0 BLUE B100	100	M	4866243	1000000107
		CLASSIC 2X4.0 WHITE B100	100	M	4800072	1000000750
		CLASSIC 2X6.0 BLUE 5M	1	PC		1000000420
		CLASSIC 2X6.0 BLUE 10M	1	PC		1000000438
		CLASSIC 2X6.0 BLUE B100	100	M	4866263	1000000222

	PRODUCT GROUP	PRODUCT	QTY/ UNIT		E-NO.	ITEM NO.
18	**LOUDSPEAKER CABLES**	PLY 2X2.0 BLUE 5M	1	PC		1000000487
	PLY	PLY 2X2.0 BLUE 10M	1	PC		1000000495
		PLY 2X2.0 BLUE 20M	1	PC		1000000560
	ICE BLUE	PLY 2X2.0 BLUE B100	100	M	4866473	1000000172
		PLY 2X3.4 BLUE 5M	1	PC		1000000503
		PLY 2X3.4 BLUE 10M	1	PC		1000000511
		PLY 2X3.4 BLUE 20M	1	PC		1000000578
		PLY 2X3.4 BLUE B100	100	M	4866483	1000000123
	WHITE	PLY 2X2.0 WHITE 5M	1	PC		1000000875
		PLY 2X2.0 WHITE 10M	1	PC		1000000842
		PLY 2X2.0 WHITE 20M	1	PC		1000000859

PRODUCT GROUP	PRODUCT	QTY/UNIT		E-NO.	ITEM NO.
	PLY 2X2.0 WHITE B100	100	M		1000000834
	PLY 2X3.4 WHITE 5M	1	PC		1000000867
	PLY 2X3.4 WHITE 10M	1	PC		1000000883
	PLY 2X3.4 WHITE 20M	1	PC		1000000891
	PLY 2X3.4 WHITE B100	100	M		1000000826
19 LOUDSPEAKER CABLES SCREENED	LINC 2X2.5 BLUE B100	100	M	4866583	1000000180
	LINC 2X4.0 BLUE B100	100	M	4866573	1000000164
	PLY 2X3.4/S BLUE B100	100	M	4866493	1000000214
	PLY 2X3.4/S BLUE 5M	1	PC		1000000529
	PLY 2X3.4/S BLUE 10M	1	PC		1000000586

PRODUCT GROUP	PRODUCT	QTY/UNIT		E-NO.	ITEM NO.
20 LOUDSPEAKER CABLES PLY, TERMINERAD ICE BLUE Terminated with CombiCon Crimp M6 Both Bananas & Spades are included.	PLY 2X2.0 COMBICON CRIMP 2X2M	1	PAIR		1000100188
	PLY 2X2.0 COMBICON CRIMP 2X3M	1	PAIR		1000100196
	PLY 2X2.0 COMBICON CRIMP 2X4M	1	PAIR		1000100204
	PLY 2X2.0 COMBICON CRIMP W/O CABLE	1	PAIR		1000100154
	PLY 2X3.4 COMBICON CRIMP 2X2M	1	PAIR		1000100162
	PLY 2X3.4 COMBICON CRIMP 2X3M	1	PAIR		1000100121
	PLY 2X3.4 COMBICON CRIMP 2X4M	1	PAIR		1000100170
	PLY 2X3.4 COMBICON CRIMP W/O CABLE	1	PAIR		1000100147
WHITE	PLY 2X2.0 WHITE COMBICON 2X2M	1	PAIR		1000100568
	PLY 2X2.0 WHITE COMBICON 2X3M	1	PAIR		1000100576
	PLY 2X2.0 WHITE COMBICON 2X4M	1	PAIR		1000100584
	PLY 2X2.0 WHITE COMBICON W/O C.	1	PAIR		1000100592
	PLY 2X3.4 WHITE COMBICON 2X2M	1	PAIR		1000100527
	PLY 2X3.4 WHITE COMBICON 2X3M	1	PAIR		1000100535
	PLY 2X3.4 WHITE COMBICON 2X4M	1	PAIR		1000100543
	PLY 2X3.4 WHITE COMBICON W/O C.	1	PAIR		1000100550
21 LOUDSPEAKER CABLES PLY, TERMINERAD SCREENED	PLY 2X3.4/S COMBICON CRIMP 2X2M	1	PAIR		1000100261
	PLY 2X3.4/S COMBICON CRIMP 2X3M	1	PAIR		1000100139
	PLY 2X3.4/S COMBICON CRIMP 2X4M	1	PAIR		1000100253
	PLY 2X3.4/S COMBICON CRIMP W/O*	1	PAIR		1000100105

PRODUCT GROUP	PRODUCT	QTY/UNIT		E-NO.	ITEM NO.
22 LOUDSPEAKER CABLE ROUND/TWISTED Rondo in Flame Retardant & Halogen Free, see FRHF section.	RONDO 2X2.5 BLUE 5M	1	PC		1000000446
	RONDO 2X2.5 BLUE 10M	1	PC		1000000453
	RONDO 2X2.5 BLUE B100	100	M	4866902	1000000297
	RONDO 2X2.5 GREY B100	100	M	4866503	1000000206
	RONDO 4X2.5 BLUE 5M	1	PC		1000000461
	RONDO 4X2.5 BLUE B75	75	M	4866343	1000000230
	RONDO 4X2.5 GREY B75	75	M	4866373	1000000131
	RONDO 4X4.0 BLUE 5M	1	PC		1000000479
	RONDO 4X4.0 BLUE B50	50	M	4866911	1000000305
	RONDO 4X4.0 GREY B50	50	M	4866283	1000000057

SUPRA ®*Cables* MADE IN SWEDEN

	PRODUCT GROUP	PRODUCT	QTY/UNIT		E-NO.	ITEM NO.
23	LOUDSPEAKER CABLE	SWORD COMBICON 1X2M	1	PC		1000100238
	SWORD	SWORD COMBICON 1X3M	1	PC		1000100063
	High-End	SWORD COMBICON 1X4M	1	PC		1000100246
	Both Bananas & Spades	SWORD COMBICON 2X2M	1	PAIR		1000100212
	are included.	SWORD COMBICON 2X3M	1	PAIR		1000100055
		SWORD COMBICON 2X4M	1	PAIR		1000100220
	*Customized lengths	SWORD COMBICON W/O CABLE*	1	PAIR		1000100097
		SWORD FIXED SPADES 2X2M	1	PAIR		1000100378
		SWORD FIXED SPADES 2X3M	1	PAIR		1000100360
		SWORD FIXED SPADES 2X4M	1	PAIR		1000000545
	*Customized lengths	SWORD FIXED SPADES W/O CABLE*	1	PAIR		1000100386
		SWORD JUMPER 2X28CM	1	PAIR		1000100113
24	LOUDSPEAKER CABLE	QUADRAX 4X2.0 BLUE B100	100	M		1000000743
	QUADRAX					
	High-End	QUADRAX 2x4.0 COMBICON 2M	1	PAIR		1000100394
		QUADRAX 2x4.0 COMBICON 3M	1	PAIR		1000100402
	Terminated with	QUADRAX 2x4.0 COMBICON 4M	1	PAIR		1000100410
	CombiCon Crimp M6	QUADRAX 2x4.0 COMBICON W/O*	1	PAIR		1000100519
	Both Bananas & Spades	QUADRAX 4x2.0 BI-WIRE COMBICON 2M	1	PAIR		1000100428
	are included.	QUADRAX 4x2.0 BI-WIRE COMBICON 3M	1	PAIR		1000100436
		QUADRAX 4x2.0 BI-WIRE COMBICON 4M	1	PAIR		1000100444
	*Customized lengths	QUADRAX 4x2.0 BI-WIRE COMBIC. W/O*	1	PAIR		1000100501
		QUADRAX 4x2.0 BI-AMP COMBICON 2M	1	PAIR		1000100451
		QUADRAX 4x2.0 BI-AMP COMBICON 3M	1	PAIR		1000100469
		QUADRAX 4x2.0 BI-AMP COMBICON 4M	1	PAIR		1000100477
	*Customized lengths	QUADRAX 4x2.0 BI-AMP COMBIC.W/O*	1	PAIR		1000100493

	PRODUCT GROUP	PRODUCT	QTY/UNIT		E-NO.	ITEM NO.
26	LOUDSPEAKER	BANANA PLUG RED/BLK 2PAIRS	1	PAIR	5048881	1010000006
	CONNECTORS	BANANA PLUG RED/BLK PAIR BULK	50	PAIR	5048886	1010000196
		BOXCON RED/BLK PAIR	1	PAIR	5048880	1010000139
		BOXCON RED/BLK PAIR BULK	50	PAIR	5048885	1010000154
		FORK PLUG 2PAIRS	1	SET	5048882	1010000014
		FORK PLUG BULK	200	PC	5048887	1010000246
		FORK XL PLUG 2PAIRS	1	SET	5048883	1010000204
		FORK XL PLUG BULK	200	PC	5048888	1010000212
26	LOUDSPEAKER	COMBICON BANANA PIN M6	50	PC	6243280	1010000469
	CONNECTORS	COMBICON CRIMP BODY CB-01 M6	50	PC	6243284	1010000428
	COMBICON KRIMP M6	COMBICON CRIMP BODY CB-02 M6	50	PC	6243285	1010000436
		COMBICON CRIMP BODY CB-04 M6	50	PC	6243286	1010000444
		COMBICON CRIMP BODY CB-06 M6	50	PC	6243287	1010000451
		COMBICON SLEEVE S1-2 BLACK	50	PC	6243288	1010000501
		COMBICON SLEEVE S1-2 RED	50	PC	6243289	1010000519
		COMBICON SLEEVE S4-6 BLACK	50	PC	6243290	1010000527
		COMBICON SLEEVE S4-6 RED	50	PC	6243291	1010000535

PRODUCT GROUP	PRODUCT	QTY/UNIT		E-NO.	ITEM NO.
Crimp Assortment Box	COMBICON SPADE PART M6	50	PC	6243292	1010000493
521-parts incl. Crimp Tool	COMBICON CRIMP ASSORTMENT 521PC	1	PC	6243283	1010000543
Crimping Pliers	CRIMP PLIERS FOR COMBICON	1	PC		1071000051

PRODUCT GROUP	PRODUCT	QTY/UNIT		E-NO.	ITEM NO.
27 **LOUDSPEAKER**	COMBICON BANANA M6 RED/BLK 2PRS	1	SET		1010000261
CONNECTORS	COMBICON KIT M6 RED/BLK 2+2PAIRS	1	SET		1010000287
COMBICON M6	COMBICON SPADE M6 RED/BLK 2-PRS	1	SET		1010000279
	COMBICON ASSORTMENT BOX	1	PC		1010000295
	COMBICON BANANA PIN M6	50	PC	6243280	1010000469
	COMBICON BODY M6 RED	50	PC	6243282	1010000485
	COMBICON BODY M6 BLACK	50	PC	6243281	1010000477
	COMBICON SPADE PART M6	50	PC	6243292	1010000493

PRODUCT GROUP	PRODUCT	QTY/UNIT		E-NO.	ITEM NO.
29 **FIBRE OPTIC CABLES**	ZAC MINI MINIPLUG OPTICAL 1M	1	PC	6243050	1003100151
DIGITAL AUDIO	ZAC MINTOS MP-TOSLINK OPTICAL 1M	1	PC	6243052	1003100177
MINI PLUG - TOSLINK	ZAC MINTOS MP-TOSLINK OPTICAL 2M	1	PC	6243221	1003100268
	ZAC MINTOS MP-TOSLINK OPTICAL 4M	1	PC	6243222	1003100276
TOSLINK -TOSLINK	ZAC TOSLINK OPTICAL 1M	1	PC	6243055	1003100011
	ZAC TOSLINK OPTICAL 2M	1	PC	6243056	1003100045
	ZAC TOSLINK OPTICAL 4M	1	PC	6243058	1003100052
	ZAC TOSLINK OPTICAL 6M	1	PC	6243227	1003100219
	ZAC TOSLINK OPTICAL 8M	1	PC	6243059	1003100128
	ZAC TOSLINK OPTICAL 10M	1	PC	6243225	1003100094
	ZAC TOSLINK OPTICAL 15M	1	PC	6243226	1003100193

PRODUCT GROUP	PRODUCT	QTY/UNIT		E-NO.	ITEM NO.
30 **DIGITAL/VIDEO/AERIAL**	DAC AUDIO BLUE B50	50	M	4866383	1001800133
INTERCONNECT CABLES	TRICO DIGITAL/VIDEO BLUE B50	50	M	4866793	1001800224
	ANCO AERIAL/VIDEO BLUE B150	150	M	4866973	1001800463
30 **GROUND SEPARATORS**	F-CONNECTOR MALE AU BULK	50	PC	6243095	1011001110
AERIAL, RADIO/TV	GSB TV EU BENT	1	PC	6243096	1011001136
	GSS AERIAL F-CON	1	PC	6243097	1011001144
GROUND SEPARATORS	GSS TV EU STRAIGHT	1	PC	6243098	1011001128
AUDIO	AGS-10k AUDIO 4xRCA	1	PC	6243244	1021000045
30 **VIDEO & AERIAL**	ANCO-TV AERIAL F-M 1M	1	PC	6243141	1001904760
INTERCONNECT CABLES	ANCO-TV AERIAL F-M 2M	1	PC	6243142	1001904778
AERIAL	ANCO-TV AERIAL F-M 4M	1	PC	6243143	1001904786
FEMALE-MALE	ANCO-TV AERIAL F-M 8M	1	PC	6243144	1001904794
	ANCO-TV AERIAL F-M 12M	1	PC	6243145	1001904802
	ANCO-TV AERIAL F-M 15M	1	PC	6243146	1001904810
	ANCO-TV AERIAL F-M W/O CABLE*	1	PC		1001904521
AERIAL CABLES	ANCO-TV AERIAL M-M 1M	1	PC		1001905486
MALE-MALE	ANCO-TV AERIAL M-M 2M	1	PC		1001905494
	ANCO-TV AERIAL M-M 3M	1	PC		1001905502
	ANCO-TV AERIAL M-M 4M	1	PC		1001905510

PRODUCT GROUP	PRODUCT	QTY/ UNIT		E-NO.	ITEM NO.
	ANCO-TV AERIAL M-M 8M	1	PC		1001905528
	ANCO-TV AERIAL M-M 12M	1	PC		1001905536
	ANCO-TV AERIAL M-M 15M	1	PC		1001905544
	ANCO-TV AERIAL M-M W/O CABLE*	1	PC		1001905551

PRODUCT GROUP	PRODUCT	QTY/ UNIT		E-NO.	ITEM NO.
31 **DIGITAL INTERCONNECT**	TRICO 1RCA-1RCA DIGITAL 1M	1	PC	6243086	1001900255
CABLES, AUDIO	TRICO 1RCA-1RCA DIGITAL 2M	1	PC		1001900784
RCA	TRICO 1RCA-1RCA DIGITAL 4M	1	PC		1001900792
	TRICO 1RCA-1RCA DIGITAL 6M	1	PC		1001902376
	TRICO 1RCA-1RCA DIGITAL 8M	1	PC		1001900800
	TRICO 1RCA-1RCA DIGITAL 10M	1	PC		1001905650
	TRICO 1RCA-1RCA DIGITAL 12M	1	PC		1001905668
	TRICO 1RCA-1RCA DIGITAL 15M	1	PC		1001900818
*Customized lengths	TRICO 1RCA-1RCA DIGITAL W/O CABLE*	1	PC		1001903481
RCA - BNC	TRICO 1RCA-1BNC DIGITAL 1M	1	PC		1001901527
	TRICO 1RCA-1BNC DIGITAL 2M	1	PC		1001901543
	TRICO 1RCA-1BNC DIGITAL 4M	1	PC		1001901550
	TRICO 1RCA-1BNC DIGITAL 8M	1	PC		1001901568
	TRICO 1RCA-1BNC DIGITAL 15M	1	PC		1001901535
BNC	TRICO 1BNC-1BNC DIGITAL 1M	1	PC	6243085	1001900354
	TRICO 1BNC-1BNC DIGITAL 2M	1	PC		1001901105
	TRICO 1BNC-1BNC DIGITAL 4M	1	PC		1001901444
	TRICO 1BNC-1BNC DIGITAL 8M	1	PC		1001901451
	TRICO 1BNC-1BNC DIGITAL 15M	1	PC		1001901469
MINIPLUG - RCA	TRICO 1MP-1RCA DIGITAL 1M	1	PC		1001901121
	TRICO 1MP-1RCA DIGITAL 2M	1	PC		1001901493
	TRICO 1MP-1RCA DIGITAL 4M	1	PC		1001901501
	TRICO 1MP-1RCA DIGITAL 8M	1	PC		1001901519
	TRICO 1MP-1RCA DIGITAL 15M	1	PC		1001901485
*Customized lengths	TRICO 1MP-1RCA DIGITAL W/O CABLE*	1	PC		1001905643
29 XLR	DAC-XLR DIGITAL BLUE PC 1M	1	PC	6243028	1001900107
	DAC-XLR DIGITAL BLUE PC 2M	1	PC		1001901238
	DAC-XLR DIGITAL BLUE PC W/O*	1	PC		1001905999

PRODUCT GROUP	PRODUCT	QTY/ UNIT		E-NO.	ITEM NO.
32 **ETHERNET CABLES**	CAT 7+ 4XSTP FRHF BLUE B300	300	M	4934107	1001907078
FRHF					
RJ45 plug, MALE	RJ45 CAT7+ MALE ETHERNET PLUG	50	PC	6243241	1011001326
32 **ETHERNET CABLE**	CAT 7+ STP PATCH FRHF BLUE 0.5M	1	PC	5167528	1001907391
RJ45 PATCH CORDS	CAT 7+ STP PATCH FRHF BLUE 1M	1	PC	5167531	1001907177
FRHF	CAT 7+ STP PATCH FRHF BLUE 2M	1	PC	5167533	1001907185
	CAT 7+ STP PATCH FRHF BLUE 3M	1	PC	5167534	1001907193
	CAT 7+ STP PATCH FRHF BLUE 5M	1	PC	5167535	1001907219
FRHF Flame Retardant &	CAT 7+ STP PATCH FRHF BLUE 8M	1	PC	5167536	1001907227

	PRODUCT GROUP	PRODUCT	QTY/ UNIT		E-NO.	ITEM NO.
	Halogen Free	CAT 7+ STP PATCH FRHF BLUE 10M	1	PC	5167529	1001907235
		CAT 7+ STP PATCH FRHF BLUE 15M	1	PC	5167530	1001907250
		CAT 7+ STP PATCH FRHF BLUE 20M	1	PC	5167532	1001907268
	*Customized lengths	CAT 7+ STP PATCH FRHF W/O CABLE*	1	PC		1001907367

	PRODUCT GROUP	PRODUCT	QTY/ UNIT		E-NO.	ITEM NO.
33	**USB 2.0, TYP A-B**	USB 2.0 A-B BLUE 0.7M	1	PC	6243313	1001907565
	CABLE	USB 2.0 A-B BLUE 1M	1	PC	6243317	1001907573
	High Speed	USB 2.0 A-B BLUE 2M	1	PC	6243318	1001907615
	MALE A - MALE B	USB 2.0 A-B BLUE 3M	1	PC	6243319	1001907623
		USB 2.0 A-B BLUE 4M	1	PC	6243320	1001907631
		USB 2.0 A-B BLUE 5M	1	PC	6243321	1001907649
		USB 2.0 A-B BLUE 8M	1	PC	6243322	1001907656
		USB 2.0 A-B BLUE 10M	1	PC	6243314	1001907581
		USB 2.0 A-B BLUE 12M	1	PC	6243315	1001907599
		USB 2.0 A-B BLUE 15M	1	PC	6243316	1001907607
33	**USB , TYPE A-A**	USB 2.0 MALE A-FMALE A 1M	1	PC		1001908217
	FEMALE - MALE	USB 2.0 MALE A-FMALE A 2M	1	PC		1001908225
33	**USB , TYP A - Mini B**	USB 2.0 MALE A-MINI B 1M	1	PC		1001908233
	MALE - MALE	USB 2.0 MALE A-MINI B 2M	1	PC		1001908241

	PRODUCT GROUP	PRODUCT	QTY/ UNIT		E-NO.	ITEM NO.
34	**INTERCONNECT CABLES**	MP-CABLE 3.5MM STEREO 0.5M	1	PC	6243218	1001907433
	AUDIO, MINI PLUG	MP-CABLE 3.5MM STEREO 0.8M	1	PC	6243219	1001907441
	IPOD/PHONE/MP3/CAR	MP-CABLE 3.5MM STEREO 1.2M	1	PC	6243220	1001907458
34	**LINE CABLES**	MP-CABLE MINI PLUG- 2RCA 0.5M	1	PC		1001908159
	AUDIO, MINI PLUG/RCA	MP-CABLE MINI PLUG- 2RCA 1M	1	PC		1001908134
		MP-CABLE MINI PLUG- 2RCA 2M	1	PC		1001908126
35	**INTERCONNECT CABLES**	BILINE AUDIO BLUE B100	100	M	4866922	1001800109
	ANALOGUE AUDIO	BILINE AUDIO WHITE B100	100	M		1001800521
35	**INTERCONNECT CABLES**	BILINE MP-2RCA BLUE 1M	1	PC	6243202	1001900966
	ANALOGUE AUDIO, MP3	BILINE MP-2RCA BLUE 2M	1	PC	6243203	1001900750
	MINIPLUG / RCA	BILINE MP-2RCA BLUE 4M	1	PC	6243204	1001900768
		BILINE MP-2RCA BLUE 8M	1	PC	6243205	1001900776
	ICE BLUE	BILINE MP-2RCA BLUE 15M	1	PC	6243201	1001901402
		BILINE MP-2RCA BLUE W/O CABLE*	1	PC		1001905114
	WHITE	BILINE MP-2RCA WHITE 1M	1	PC		1001908050
		BILINE MP-2RCA WHITE 2M	1	PC		1001908068
		BILINE MP-2RCA WHITE 4M	1	PC		1001908076
		BILINE MP-2RCA WHITE 8M	1	PC		1001908084
		BILINE MP-2RCA WHITE 15M	1	PC		1001908043
		BILINE MP-2RCA WHITE W/O CABLE*	1	PC		1001908092

	PRODUCT GROUP	PRODUCT	QTY/UNIT		E-NO.	ITEM NO.
36	**LINE-/SIGNALKABEL**	BILINE AUDIO BLUE B100	100	M	4866922	1001800109
	ANALOGUE AUDIO	BILINE AUDIO WHITE B100	100	M		1001800521
		SUBLINK AUDIO BLUE B100	100	M	4866942	1001800398
		SUBLINK AUDIO WHITE B100	100	M		1001800513
36	**SUBWOOFER MONO**	SUBLINK 1RCA-1RCA BLUE 2M	1	PC	6243214	1001900610
	INTERCONNECT CABLES	SUBLINK 1RCA-1RCA BLUE 4M	1	PC	6243215	1001900628
	AUDIO	SUBLINK 1RCA-1RCA BLUE 6M	1	PC	6243216	1001905312
	ICE BLUE	SUBLINK 1RCA-1RCA BLUE 8M	1	PC	6243217	1001900636
		SUBLINK 1RCA-1RCA BLUE 10M	1	PC	6243211	1001905676
		SUBLINK 1RCA-1RCA BLUE 12M	1	PC	6243212	1001905007
		SUBLINK 1RCA-1RCA BLUE 15M	1	PC	6243213	1001901386
		SUBLINK 1RCA-1RCA BLUE W/O CABLE*	1	PC		1001903648
36	**SUBWOOFER MONO**	SUBLINK 1RCA-1RCA WHITE 2M	1	PC		1001907672
	INTERCONNECT CABLES	SUBLINK 1RCA-1RCA WHITE 4M	1	PC		1001907680
	AUDIO	SUBLINK 1RCA-1RCA WHITE 6M	1	PC		1001907698
	WHITE	SUBLINK 1RCA-1RCA WHITE 8M	1	PC		1001907706
		SUBLINK 1RCA-1RCA WHITE 10M	1	PC		1001907714
		SUBLINK 1RCA-1RCA WHITE 12M	1	PC		1001907722
		SUBLINK 1RCA-1RCA WHITE 15M	1	PC		1001907730
		SUBLINK 1RCA-1RCA WHITE W/O*	1	PC		1001907748
36	**INTERCONNECT CABLES**	SUBLINK 1RCA-1XLR/M BLUE 2M	1	PC		1001906989
	ANALOGUE AUDIO	SUBLINK 1RCA-1XLR/M BLUE 3M	1	PC		1001906997
	MONO, RCA TO XLR	SUBLINK 1RCA-1XLR/M BLUE 4M	1	PC		1001907060
	SEMI-BALANCED	SUBLINK 1RCA-1XLR/M BLUE 5M	1	PC		1001907003
		SUBLINK 1RCA-1XLR/M BLUE 6M	1	PC		1001907052
	ICE BLUE	SUBLINK 1RCA-1XLR/M BLUE 8M	1	PC		1001907011
		SUBLINK 1RCA-1XLR/M BLUE 10M	1	PC		1001907029
		SUBLINK 1RCA-1XLR/M BLUE 12M	1	PC		1001907037
		SUBLINK 1RCA-1XLR/M BLUE 15M	1	PC		1001907045
	WHITE	SUBLINK 1RCA-1XLR/M WHITE 2M	1	PC		1001907797
		SUBLINK 1RCA-1XLR/M WHITE 3M	1	PC		1001907805
		SUBLINK 1RCA-1XLR/M WHITE 4M	1	PC		1001907813
		SUBLINK 1RCA-1XLR/M WHITE 5M	1	PC		1001907821
		SUBLINK 1RCA-1XLR/M WHITE 6M	1	PC		1001907839
		SUBLINK 1RCA-1XLR/M WHITE 8M	1	PC		1001907847
		SUBLINK 1RCA-1XLR/M WHITE 10M	1	PC		1001907755
		SUBLINK 1RCA-1XLR/M WHITE 12M	1	PC		1001907763
		SUBLINK 1RCA-1XLR/M WHITE 15M	1	PC		1001907789
36	**INTERCONNECT CABLES**	SUBLINK 1XLR/F-1XLR/M BLUE 2M	1	PC		1001907086
	ANALOGUE AUDIO	SUBLINK 1XLR/F-1XLR/M BLUE 3M	1	PC		1001907094
	MONO, XLR/F TO XLR/M	SUBLINK 1XLR/F-1XLR/M BLUE 4M	1	PC		1001907136
	SEMI-BALANCED	SUBLINK 1XLR/F-1XLR/M BLUE 5M	1	PC		1001907102
		SUBLINK 1XLR/F-1XLR/M BLUE 6M	1	PC		1001907144

SUPRA ®*Cables*
MADE IN SWEDEN

PRODUCT GROUP	PRODUCT	QTY/UNIT		E-NO.	ITEM NO.
ICE BLUE	SUBLINK 1XLR/F-1XLR/M BLUE 8M	1	PC		1001907110
	SUBLINK 1XLR/F-1XLR/M BLUE 10M	1	PC		1001907128
	SUBLINK 1XLR/F-1XLR/M BLUE 12M	1	PC		1001907151
	SUBLINK 1XLR/F-1XLR/M BLUE 15M	1	PC		1001907169
WHITE	SUBLINK 1XLR/F-1XLR/M WHITE 2M	1	PC		1001907870
	SUBLINK 1XLR/F-1XLR/M WHITE 3M	1	PC		1001907888
	SUBLINK 1XLR/F-1XLR/M WHITE 4M	1	PC		1001907896
	SUBLINK 1XLR/F-1XLR/M WHITE 5M	1	PC		1001907904
	SUBLINK 1XLR/F-1XLR/M WHITE 6M	1	PC		1001907912
	SUBLINK 1XLR/F-1XLR/M WHITE 8M	1	PC		1001907920
	SUBLINK 1XLR/F-1XLR/M WHITE 10M	1	PC		1001907854
	SUBLINK 1XLR/F-1XLR/M WHITE 12M	1	PC		1001907862
	SUBLINK 1XLR/F-1XLR/M WHITE 15M	1	PC		1001907771
36 SUBWOOFER STEREO	Y-LINK 1RCA-2RCA BLUE 2M	1	PC	6243067	1001900586
INTERCONNECT CABLES	Y-LINK 1RCA-2RCA BLUE 4M	1	PC	6243069	1001900594
AUDIO	Y-LINK 1RCA-2RCA BLUE 6M	1	PC	6243071	1001903218
	Y-LINK 1RCA-2RCA BLUE 8M	1	PC	6243072	1001900602
ICE BLUE	Y-LINK 1RCA-2RCA BLUE 10M	1	PC	6243061	1001905882
	Y-LINK 1RCA-2RCA BLUE 12M	1	PC	6243063	1001905015
	Y-LINK 1RCA-2RCA BLUE 15M	1	PC	6243065	1001901394
	Y-LINK 1RCA-2RCA BLUE W/O CABLE*	1	PC		1001903663
WHITE	Y-LINK 1RCA-2RCA WHITE 2M	1	PC		1001907995
	Y-LINK 1RCA-2RCA WHITE 4M	1	PC		1001908001
	Y-LINK 1RCA-2RCA WHITE 6M	1	PC		1001908019
	Y-LINK 1RCA-2RCA WHITE 8M	1	PC		1001908027
	Y-LINK 1RCA-2RCA WHITE 10M	1	PC		1001907961
	Y-LINK 1RCA-2RCA WHITE 12M	1	PC		1001907979
	Y-LINK 1RCA-2RCA WHITE 15M	1	PC		1001907987
	Y-LINK 1RCA-2RCA WHITE W/O CABLE*	1	PC		1001908035

PRODUCT GROUP	PRODUCT	QTY/UNIT		E-NO.	ITEM NO.
38 INTERCONNECT CABLES	DAC AUDIO BLUE B50	50	M	4866383	1001800133
ANALOGUE AUDIO	DUAL AUDIO BLUE B100	100	M	4866932	1001800364
39	EFF-I AUDIO BLUE B50	50	M	4866303	1001800141

PRODUCT GROUP	PRODUCT	QTY/UNIT		E-NO.	ITEM NO.
40 INTERCONNECT CABLES	DAC-SL AUDIO BLUE PAIR 1M	1	PAIR	6243020	1001901295
ANALOGUE AUDIO	DAC-SL AUDIO BLUE PAIR 2M	1	PAIR		1001901188
	DAC-SL AUDIO BLUE PAIR W/O	1	PAIR		1001903549
RCA	DAC-SL AUDIO GREY PAIR 1M	1	PAIR	6243021	1001901303
	DAC-SL AUDIO GREY PAIR 2M	1	PAIR		1001901196
	DAC-SL AUDIO GREY PAIR W/O CABLE*	1	PAIR		1001903556
	DAC-X AUDIO BLUE PAIR 1M	1	PAIR	6243022	1001901311
	DAC-X AUDIO BLUE PAIR 2M	1	PAIR		1001901204
	DAC-X AUDIO BLUE PAIR W/O CABLE*	1	PAIR		1001903564

PRODUCT GROUP	PRODUCT	QTY/UNIT		E-NO.	ITEM NO.
XLR	DAC-X AUDIO GREY PAIR 1M	1	PAIR	6243023	1001901329
	DAC-X AUDIO GREY PAIR 2M	1	PAIR		1001901212
	DAC-X AUDIO GREY PAIR W/O CABLE*	1	PAIR		1001903572
	DAC-XLR AUDIO BLUE PAIR 1M	1	PAIR	6243024	1001901337
	DAC-XLR AUDIO BLUE PAIR 2M	1	PAIR		1001901220
	DAC-XLR AUDIO BLUE PAIR W/O	1	PAIR		1001903580
	DAC-XLR AUDIO GREY PAIR 1M	1	PAIR	6243025	1001901345
	DAC-XLR AUDIO GREY PAIR 2M	1	PAIR		1001901246
	DAC-XLR AUDIO GREY PAIR W/O CABLE*	1	PAIR		1001903598
RCA	DUAL 2RCA-2RCA AUDIO 1M	1	PAIR	6243207	1001900685
	DUAL 2RCA-2RCA AUDIO 2M	1	PAIR	6243208	1001901253
	DUAL 2RCA-2RCA AUDIO 5M	1	PAIR	6243209	1001906096
	DUAL 2RCA-2RCA AUDIO W/O CABLE*	1	PAIR		1001903606
	DUAL 2XLR-2XLR AUDIO W/O CABLE*	1	PAIR		1001905916
RCA	EFF-ISL AUDIO PAIR 1M	1	PAIR	6243077	1001901352
	EFF-ISL AUDIO PAIR 2M	1	PAIR		1001901261
	EFF-ISL AUDIO PAIR W/O CABLE*	1	PAIR		1001903614
	EFF-IX AUDIO PAIR 1M	1	PAIR	6243078	1001901360
	EFF-IX AUDIO PAIR 2M	1	PAIR		1001901279
	EFF-IX AUDIO PAIR W/O CABLE	1	PAIR		1001903622
RCA, ANGLED	EFF-IRB AUDIO PAIR 1M	1	PAIR		1001906898
	EFF-IRB AUDIO PAIR 2M	1	PAIR		1001906971
	EFF-IRB AUDIO PAIR W/O CABLE*	1	PAIR		1001906906
XLR	EFF-IXLR AUDIO PAIR 1M	1	PAIR	6243079	1001901378
	EFF-IXLR AUDIO PAIR 2M	1	PAIR		1001901287
	EFF-IXLR AUDIO PAIR W/O CABLE*	1	PAIR		1001903630
40 **INTERCONNECT CABLES**	6RCA-6RCA A/V 1M	1	PC	6243014	1001900412
SACD	6RCA-6RCA A/V 2M	1	PC		1001901048

27 **SWORD INTERCONNECT**	SWORD-ISL AUDIO 0.8M	1	PAIR		1001905320
CABLES	SWORD-ISL AUDIO 1M	1	PAIR		1001905379
ANALOGUE AUDIO	SWORD-ISL AUDIO W/O CABLE*	1	PAIR		1001905395
	SWORD-IXLR AUDIO 0.8M	1	PAIR		1001905346
	SWORD-IXLR AUDIO 1M	1	PAIR		1001905387
*Customized lengths	SWORD-IXLR AUDIO W/O CABLE*	1	PAIR		1001905403

42 **AUDIO- / VIDEO CABLES**	AV-2 SVIDEO BLUE B100	100	M	4866753	1001800240
	AV-3 COMPONENT BLUE B100	100	M	4866763	1001800356
	AV-4 RGB BLUE B75	75	M	4866953	1001800448
	AV-6.4 A/V BLUE B100	100	M	4866773	1001800232
	AV-6.4 A/V BLUE B50	50	M	4866961	1001800430
42 FULL SCART	FS FULL SCART 0.6M	1	PC	6243160	1001905148
	FS FULL SCART 1M	1	PC	6243161	1001900701

PRODUCT GROUP		PRODUCT	QTY/UNIT		E-NO.	ITEM NO.
42	VGA HIGH-END	FS FULL SCART 2M	1	PC	6243163	1001900719
		FS FULL SCART 4M	1	PC	6243164	1001901147
		VGA-VGA M-M 1M	1	PC	6243190	1001900677
		VGA-VGA M-M 2M	1	PC	6243191	1001902392
		VGA-VGA M-M 4M	1	PC	6243192	1001902400
		VGA-VGA M-M 8M	1	PC	6243193	1001902921
		VGA-VGA M-M 10M	1	PC	6243194	1001905569
		VGA-VGA M-M 12M	1	PC	6243195	1001905577
		VGA-VGA M-M 15M	1	PC	6243196	1001902939
	*Customized lengths	VGA-VGA M-M RGB W/O CABLE*	1	PC		1001903689
43	**SPECIAL A/V-CABLES**	1RCA-SCART VIDEO 1M	1	PC	6243000	1001900495
		SCART-1RCA VIDEO 1M	1	PC	6243030	1001900396
		ANCO 1BNC-1BNC VIDEO 1M	1	PC		1001904588
		ANCO 1RCA-1RCA VIDEO 1M	1	PC	6243133	1001904646
	Other lengths and more	ANCO 1RCA-1BNC VIDEO 1M	1	PC		1001904703
	combinations at	1RCA/SVIDEO-1RCA/SVIDEO 1M	1	PC		1001901733
	www.jenving.se	2RCA/SVIDEO-2RCA/SVIDEO 1M	1	PC		1001905023
		SCART-SVIDEO 1M	1	PC	6243044	1001900552
		SVIDEO-SCART 1M	1	PC	6243082	1001900339
		SVIDEO-SVIDEO 1M	1	PC	6243083	1001900313
		3RCA-3RCA COMPONENT 1M	1	PC	6243004	1001900446
		3BNC-3BNC COMPONENT 1M	1	PC		1001901873
		3RCA-3BNC COMPONENT 1M	1	PC		1001902210
		ANCO 3BNC-3BNC COMPONENT 1M	1	SET		1001904885
		ANCO 3RCA-3BNC COMPONENT 1M	1	SET		1001904943
		ANCO 3RCA-3RCA COMPONENT 1M	1	SET		1001904828
		2RCA-SCART AUDIO 1M	1	PC	6243002	1001900503
		3RCA-SCART A/V 1M	1	PC	6243006	1001900511
		4BNC-SCART RGB 1M	1	PC		1001903135
		4RCA-SCART RGB 1M	1	PC		1001902137
		SCART-2RCA AUDIO 1M	1	PC	6243032	1001900388
		SCART-3BNC COMPONENT 1M	1	PC		1001902483
		SCART-3RCA A/V 1M	1	PC	6243034	1001900370
		SCART-3RCA COMPONENT 1M	1	PC		1001901154
		SCART-4BNC RGB 1M	1	PC		1001900578
		SCART-4RCA RGB 1M	1	PC	6243036	1001900362
		SCART-6RCA A/V 1M	1	PC	6243038	1001900297
		SCART-DVI RGB 1M	1	PC		1001904059
		SCART-SCART 6.4 A/V 1M	1	PC		1001903036
		SCART-SVIDEO/2RCA 1M	1	PC	6243046	1001900404
		SCART-VGA RGB 1M	1	PC		1001902947
		SVIDEO/2RCA-SCART 1M	1	PC	6243081	1001900545
		VGA-3BNC COMPONENT 1M	1	PC		1001902814
		VGA-3RCA COMPONENT 1M	1	PC		1001900669

PRODUCT GROUP	PRODUCT	QTY/ UNIT		E-NO.	ITEM NO.
	VGA-3RCA FEMALE ADAPTER 25CM	1	PC		1001902996
	VGA-4BNC RGB 1M	1	PC		1001902863
	VGA-4RCA RGB 1M	1	PC		1001901113
	VGA-5BNC RGB 1M	1	PC		1001902327
	VGA-5RCA RGB 1M	1	PC		1001900693
	DVI-3BNC COMPONENT 1M	1	PC		1001904042
	DVI-3RCA COMPONENT 1M	1	PC		1001904034
	DVI-4BNC RGB 1M	1	PC		1001904083
	DVI-4RCA RGB 1M	1	PC		1001904075
	DVI-5BNC RGB 1M	1	PC		1001904109
	DVI-5RCA RGB 1M	1	PC		1001904091
	DVI-VGA RGB 1M	1	PC		1001904067
	4BNC-4BNC A/V 1M	1	PC		1001901923
	4RCA/SVIDEO-4RCA/SVIDEO 1M	1	PC	6243180	1001901170
	4RCA-4RCA A/V 1M	1	PC	6243008	1001900438
	5BNC-5BNC A/V 1M	1	PC		1001901972
	5RCA-5BNC A/V 1M	1	PC		1001903085
	5RCA-5RCA A/V 1M	1	PC	6243012	1001900420
	6RCA-6RCA A/V 1M	1	PC	6243014	1001900412

PRODUCT GROUP	PRODUCT	QTY/ UNIT		E-NO.	ITEM NO.
44 **HDMI-HDMI MET-S/B**	HDMI-HDMI/H MET-S/B FRHF 1M	1	PC	6243273	1001101425
FRHF CABLES (V1.4)	HDMI-HDMI/H MET-S/B FRHF 2M	1	PC	6243274	1001101433
Flame Retardant &	HDMI-HDMI/H MET-S/B FRHF 3M	1	PC	6243275	1001101441
Halogen Free	HDMI-HDMI/H MET-S/B FRHF 4M	1	PC	6243276	1001101458
	HDMI-HDMI/H MET-S/B FRHF 5M	1	PC	6243277	1001101466
	HDMI-HDMI/H MET-S/B FRHF 6M	1	PC	6243278	1001101474
	HDMI-HDMI/H MET-S/B FRHF 8M	1	PC	6243279	1001101482
	HDMI-HDMI/H MET-S/B FRHF 10M	1	PC	6243270	1001101490
	HDMI-HDMI/H MET-S/B FRHF 12M	1	PC	6243271	1001101508
	HDMI-HDMI/H MET-S/B FRHF 15M	1	PC	6243272	1001101516
	HDMI-HDMI/H MET-S/B FRHF 20M	1	PC		1001101730
	HDMI-HDMI/H MET-S/B FRHF 25M	1	PC		1001101748
	HDMI-HDMI/H MET-S/B FRHF 30M	1	PC		1001101755
*Customized lengths	HDMI-HDMI/H MET-S/B FRHF W/O CABLE*	1	PC		1001101524
44 **HDMI-DVI MET-S/B**	HDMI-DVI/H MET-S/B FRHF 1M	1	PC	6243263	1001101326
CABLES	HDMI-DVI/H MET-S/B FRHF 2M	1	PC	6243264	1001101334
Flame Retardant &	HDMI-DVI/H MET-S/B FRHF 3M	1	PC	6243265	1001101342
Halogen Free	HDMI-DVI/H MET-S/B FRHF 4M	1	PC	6243266	1001101359
	HDMI-DVI/H MET-S/B FRHF 5M	1	PC	6243267	1001101367
	HDMI-DVI/H MET-S/B FRHF 6M	1	PC	6243268	1001101375
	HDMI-DVI/H MET-S/B FRHF 8M	1	PC	6243269	1001101383
	HDMI-DVI/H MET-S/B FRHF 10M	1	PC	6243260	1001101391
	HDMI-DVI/H MET-S/B FRHF 12M	1	PC	6243261	1001101409
	HDMI-DVI/H MET-S/B FRHF 15M	1	PC	6243262	1001101417

PRODUCT GROUP	PRODUCT	QTY/UNIT		E-NO.	ITEM NO.
*Customized lengths	HDMI-DVI/H MET-S/B FRHF W/O CABLE*	1	PC		1001101318
44 DVI-DVI CABLES	DVI-DVI/H SINGLE-LINK FRHF 1M	1	PC	6243230	1001101185
SINGLE-LINK	DVI-DVI/H SINGLE-LINK FRHF 2M	1	PC	6243231	1001101201
Flame Retardant &	DVI-DVI/H SINGLE-LINK FRHF 3M	1	PC	6243232	1001101219
Halogen Free	DVI-DVI/H SINGLE-LINK FRHF 4M	1	PC	6243233	1001101227
	DVI-DVI/H SINGLE-LINK FRHF 5M	1	PC	6243234	1001101235
	DVI-DVI/H SINGLE-LINK FRHF 6M	1	PC	6243235	1001101243
	DVI-DVI/H SINGLE-LINK FRHF 8M	1	PC	6243236	1001101250
	DVI-DVI/H SINGLE-LINK FRHF 10M	1	PC	6243237	1001101268
	DVI-DVI/H SINGLE-LINK FRHF 12M	1	PC	6243238	1001101276
	DVI-DVI/H SINGLE-LINK FRHF 15M	1	PC	6243239	1001101284
	DVI-DVI/H SINGLE-LINK FRHF 20M	1	PC	6243240	1001101292
*Customized lengths	DVI-DVI/H SINGLE-LINK FRHF W/O C.*	1	PC		1001100807
44 DVI-DVI CABLES	DVI-DVI/H DUAL-LINK FRHF 1M	1	PC	6243296	1001101607
DUAL-LINK	DVI-DVI/H DUAL-LINK FRHF 2M	1	PC	6243298	1001101615
Flame Retardant &	DVI-DVI/H DUAL-LINK FRHF 3M	1	PC	6243299	1001101623
Halogen Free	DVI-DVI/H DUAL-LINK FRHF 4M	1	PC	6243300	1001101631
	DVI-DVI/H DUAL-LINK FRHF 5M	1	PC	6243301	1001101649
	DVI-DVI/H DUAL-LINK FRHF 6M	1	PC	6243302	1001101656
	DVI-DVI/H DUAL-LINK FRHF 8M	1	PC	6243303	1001101664
	DVI-DVI/H DUAL-LINK FRHF 10M	1	PC	6243293	1001101672
	DVI-DVI/H DUAL-LINK FRHF 12M	1	PC	6243294	1001101680
	DVI-DVI/H DUAL-LINK FRHF 15M	1	PC	6243295	1001101698
	DVI-DVI/H DUAL-LINK FRHF 20M	1	PC	6243297	1001101706
*Customized lengths	DVI-DVI/H DUAL-LINK FRHF W/O*	1	PC		1001101714
44 LOUDSPEAKER CABLES	CLASSIC 2X1.6/H FRHF BLUE B300	300	M	4866273	1000000537
Flame Retardant &	CLASSIC 2X2.5/H FRHF BLUE B200	200	M	4866703	1000000248
Halogen Free	CLASSIC 2X4.0/H FRHF BLUE B100	100	M	4866822	1000000735
	RONDO 4X1.6/H FRHF BLUE B100	100	M	4866462	9900000184
44 ETHERNET CABLES	CAT 7+ 4XSTP FRHF BLUE B300	300	M	4934107	1001907078
FRHF					
RJ45 plugs, MALE	RJ45 CAT7+ MALE ETHERNET PLUG	50	PC	6243241	1011001326
44 ETHERNET CABLES	CAT 7+ STP PATCH FRHF BLUE 0.5M	1	PC	5167528	1001907391
RJ45 PATCH CORDS	CAT 7+ STP PATCH FRHF BLUE 1M	1	PC	5167531	1001907177
FRHF	CAT 7+ STP PATCH FRHF BLUE 2M	1	PC	5167533	1001907185
	CAT 7+ STP PATCH FRHF BLUE 3M	1	PC	5167534	1001907193
	CAT 7+ STP PATCH FRHF BLUE 5M	1	PC	5167535	1001907219
Flame Retardant &	CAT 7+ STP PATCH FRHF BLUE 8M	1	PC	5167536	1001907227
Halogen Free	CAT 7+ STP PATCH FRHF BLUE 10M	1	PC	5167529	1001907235
	CAT 7+ STP PATCH FRHF BLUE 15M	1	PC	5167530	1001907250
	CAT 7+ STP PATCH FRHF BLUE 20M	1	PC	5167532	1001907268
*Customized lengths	CAT 7+ STP PATCH FRHF W/O CABLE*	1	PC		1001907367
44 MIC-/LINE CABLES	MB01/H 1PR LINE FRHF GREY B300	300	M	4866393	1001800158
INSTALLATION	MB02-JP/H 2PRS LINE FRHF GREY B200	200	M	4866403	1001800174
FRHF	MB04-JPH 4PRS LINE FRHF GREY B100	100	M	4866413	1001800182

	PRODUCT GROUP	PRODUCT	QTY/UNIT		E-NO.	ITEM NO.
46	**MIC/LINE CABLES**	MBS MIC/LINE FLEX GREY B150	150	M	4866353	1001800208
46	**DMX CABLES**	CUEFLEX DMX 1-PAIR BLK B250	250	M		9001800029
47	**MICROPHONE & LINE**	MB01/H 1PR LINE FRHF GREY B300	300	M	4866393	1001800158
	CABLE, INSTALLATION	MB02-JP/H 2PRS LINE FRHF GREY B200	200	M	4866403	1001800174
	MB01/H, MB02/H &	MB04-JPH 4PRS LINE FRHF GREY B100	100	M	4866413	1001800182
	MB04/H are Halogen	MB08-JP 8PRS LINE GREY B100	100	M	4866423	1001800059
	Free & Flame Retardant	MS32-JP 32PRS LINE GREY B50	50	M	4866453	1001800083

	PRODUCT GROUP	PRODUCT	QTY/UNIT		E-NO.	ITEM NO.
48	**LINE CONNECTORS**	ACON AERIAL PLUG FEMALE	50	PC		1011000799
	AERIAL	ACON AERIAL PLUG MALE	50	PC		1011000807
	BNC	ACON AERIAL SET MALE/FEMALE	1	SET		1011000831
		BNC-3 PLUG 2PCS	1	SET		1011000609
		BNC-3 PLUG BULK	50	PC		1011000492
		BNC-6 PLUG 2PCS	1	SET		1011000849
		BNC-6 PLUG BULK	50	PC		1011000815
		BNC-8 PLUG 2PCS	1	PAIR	5048856	1011000484
		BNC-8 PLUG BULK	50	PC	5048857	1011000476
	DVI	DVI-D PLUG 18+1	1	PC		1011000757
		DVI-D PLUG 18+1 BULK	50	PC		1011000781
		DVI-D PLUG 24+1	1	PC		1001101722
		DVI-D PLUG 24+1 BULK	50	PC		1011001342
		DVI-I PLUG 24+5	1	PC		1011000765
		DVI-I PLUG 24+5 BULK	50	PC		1011000773
	HDMI	HDMI MET-B BENT HOUSING PC	1	PC		1011001193
		HDMI MET-S STRAIGHT HOUSING PC	1	PC		1011001227
		HDMI MALE CONNECTOR BODY PC	1	PC		1011001300
	Mini plug	MP-8 PLUG MONO 2PCS	1	SET		1011000856
		MP-8 PLUG MONO BULK	50	PC		1011000823
		MP-8 PLUG STEREO 2PCS	1	SET		1011000583
		MP-8 PLUG STEREO BULK	50	PC		1011000575
	Scart	SCART PLUG	1	PC	5048873	1011000385
		SCART PLUG BULK	50	PC	5048893	1011000377
	Svideo	SVHS-7 PLUG SVIDEO 2PCS	1	SET	5048875	1011000468
		SVHS-7 PLUG SVIDEO BULK	50	PC	5048895	1011000443
	VGA	VGA-11 PLUG FEMALE	1	PC		1011001011
		VGA-11 PLUG FEMALE BULK	50	PC		1011001003
		VGA-11 PLUG MALE	1	PC		1011000708
		VGA-11 PLUG MALE BULK	50	PC		1011000641

	PRODUCT GROUP	PRODUCT	QTY/UNIT		E-NO.	ITEM NO.
49	**LINE CONNECTORS**	PPSL RCA PLUG PAIR	1	PAIR	5048860	1011000138
		PPSL RCA PLUG PAIR BULK	50	PAIR	5048863	1011000203
	RCA, ANGLED	PPR-B BENT RCA PLUG PAIR	1	PAIR		1011001185
		PPR-B BENT RCA PLUG PAIR BULK	50	PAIR		1011001177

PRODUCT GROUP	PRODUCT	QTY/UNIT		E-NO.	ITEM NO.
	PPX RCA PLUG PAIR BULK	50	PAIR	5048864	1011000211
	PPX RCA PLUG RED BULK	50	PC		1011000906
	PPX RCA PLUG WHITE BULK	50	PC		1011000914
	RCA-3 PLUG BLUE BULK	50	PC		1011000948
	RCA-3 PLUG FEMALE RED/BLK PR BULK	50	PAIR		1011000872
	RCA-3 PLUG GREEN BULK	50	PC		1011000930
	RCA-3 PLUG NO RING BULK	50	PC		1011000963
	RCA-3 PLUG RED BULK	50	PC		1011000922
	RCA-3 PLUG RED/BLK PAIR	1	PAIR	5048872	1011000351
	RCA-3 PLUG RED/BLK PAIR BULK	50	PAIR	5048892	1011000344
	RCA-3 PLUG RED/RED BULK	50	PC		1011000971
	RCA-3 PLUG RGB 3PACK	1	SET	5048876	1011000369
	RCA-3 PLUG RGB 3PCS BULK	50	SET	5048896	1011000336
	RCA-3 PLUG WHITE BULK	50	PC		1011000955
	RCA-6 PLUG RED BULK	50	PC		1011000898
	RCA-6 PLUG RED/BLK PAIR	1	PAIR		1011000591
	RCA-6 PLUG RED/BLK PAIR BULK	50	PAIR	5048862	1011000286
	RCA-6 PLUG WHITE BULK	50	PC		1011000880
	RCA-6 PLUG WHITE NO RING BULK	50	PC		1011000997
49 XLR CONNECTORS MIC/LINE	XLR JACK 3F CHASSIS BULK	50	PC	5048866	1011000070
	XLR JACK 3M CHASSIS BULK	20	PC	5048865	1011000088
	SWIFT 3F XLR LIGHT AU	10	PC	6243242	1011000302
	SWIFT 3M XLR LIGHT AU	10	PC	6243243	1011000310
	SWIFT SET XLR LIGHT AU M/F	1	SET		1011000294

PRODUCT GROUP	PRODUCT	QTY/UNIT		E-NO.	ITEM NO.
49 TOOLS & ACCESSORIES	AC-SENSOR 110-230V	1	PC		1071100026
	CABLE CUTTER BULK	1	PC		1071000002
	CABLE METER BULK	1	PC		1071000010
Tape	CABLE MOUNTING TAPE MT6 10M	1	PC		1085100004
	CABLE MOUNTING TAPE MT9 10M	1	PC		1085100012
Pliers	CRIMP PLIERS FOR BNC	1	PC		1071000036
	CRIMP PLIERS FOR COMBICON	1	PC		1071000051
Heat Shrink	HEAT SHRINK 10 WHITE B75	75	M		1086000252
	HEAT SHRINK 12 BLACK B75	75	M		1086000013
	HEAT SHRINK 19 BLACK B60	60	M		1086000021
Nylon Braid	NYLON BRAID 10 BLACK B50	100	M		1086000039
	NYLON BRAID 10 KIT BLACK	1	SET		1086000195
	NYLON BRAID 15 BLACK B50	50	M		1086000047
	NYLON BRAID 15 KIT BLACK	1	SET		1086000203
	NYLON BRAID 8 KIT WHITE	1	SET		1086000245
	NYLON BRAID 8 WHITE B100	100	M		1086000211
Solder Tin	SOLDER TIN 0.7MM SN/AG 800G	1	PC		1086000229
	SLEEVE S-7 ICE BLUE BLACK LOGO	50	PC		1010000568
Bending Protection/	SLEEVE S-9 ICE BLUE BLACK LOGO	50	PC		1010000378

PRODUCT GROUP	PRODUCT	QTY/ UNIT		E-NO.	ITEM NO.
Strain Relief	SLEEVE S-9 ICE BLUE RED LOGO	50	PC		1010000360
	SLEEVE S-15 ICE BLUE BLACK LOGO	50	PC		1010000550
	SLEEVE TOOL/PLIERS BULK	1	PC		1071000028
	STRAIN RELIEF 6 BLACK BULK	50	PC		1086000336
	STRAIN RELIEF 6 BLUE BULK	50	PC		1086000302
	STRAIN RELIEF 6 GREEN BULK	50	PC		1086000294
	STRAIN RELIEF 6 RED BULK	50	PC		1086000286
	STRAIN RELIEF 6 YELLOW BULK	50	PC		1086000310
	STRAIN RELIEF 7 BLACK BULK	100	PC		1086000237
Termination Trousers/	STRAIN RELIEF Y-SPLIT 7 BLUE PAIR	1	PAIR		1086000138
Y-split	STRAIN RELIEF Y-SPLIT 7 BLUE BULK	100	PC		1086000278
	STRAIN RELIEF Y-SPLIT 7 WHITE BULK	100	PC		1011001359

PRODUCT GROUP	PRODUCT	QTY/ UNIT		E-NO.	ITEM NO.
JENTECH	SKY 2X0.75 WHITE B600	600	M	0507553	2000000576
LOUDSPEAKER CABLE	SKY 2X1.6 BLACK B200	200	M	4866623	2000000378
(not in catalogue)	SKY 2X1.6 BLACK B600	600	M	4866627	2000000402
	SKY 2X1.6 TRP B200	200	M	4866603	2000000048
White, transparant	SKY 2X1.6 TRP B600	600	M	4866607	2000000063
& black	SKY 2X1.6 WHITE B200	200	M	4866613	2000000055
	SKY 2X1.6 WHITE B600	600	M	4866617	2000000071
	SKY 2X2.5 BLACK B200	200	M	4866653	2000000345
	SKY 2X2.5 BLACK B600	600	M	4866657	2000000337
	SKY 2X2.5 TRP B200	200	M	4866633	2000000022
	SKY 2X2.5 TRP B600	600	M	4866637	2000000089
	SKY 2X2.5 WHITE B200	200	M	4866643	2000000030
	SKY 2X2.5 WHITE B600	600	M	4866647	2000000097
	SKY 2X4.0 BLACK B100	100	M	4866683	2000000493
	SKY 2X4.0 BLACK B400	400	M	4866687	2000000501
	SKY 2X4.0 TRP B100	100	M	4866663	2000000113
	SKY 2X4.0 TRP B400	400	M	4866667	2000000139
	SKY 2X4.0 WHITE B100	100	M	4866673	2000000121
	SKY 2X4.0 WHITE B400	400	M	4866677	2000000147
JENTECH HDMI CABLES	HDMI HIGH SPEED ETHERNET WHITE 1M	1	PC	6243305	2001100003
HDMI High Speed with	HDMI HIGH SPEED ETHERNET WHT 1.5M	1	PC	6243304	2001100011
Ethernet (v1.4)	HDMI HIGH SPEED ETHERNET WHITE 2M	1	PC	6243306	2001100029
	HDMI HIGH SPEED ETHERNET WHITE 3M	1	PC	6243307	2001100037
	HDMI HIGH SPEED ETHERNET WHITE 4M	1	PC	6243308	2001100045
	HDMI HIGH SPEED ETHERNET WHITE 5M	1	PC	6243309	2001100052
HDMI A to MINI C	HDMI A-MINI C HIGH SPEED WHITE 1M	1	PC		2001100078
HDMI High Speed	HDMI A-MINI C HIGH SPEED WHITE 2M	1	PC		2001100086
	HDMI A-MINI C HIGH SPEED WHITE 3M	1	PC		2001100094
JENTECH MAINS BLOCK	MAINS BLOCK DB-06EU 1.5M	1	PC	2403781	3024000014

Can be taped to the wall with
Supra's double-sided adhesive tape

SUPRA Flat
-Super flat speaker cable

SUPRA Flat 1.6

White 2x1.6sqmm
A super flat speaker cable, only 1.95mm thick and 11.7mm wide.
Ideal for unobtrusive wiring on wall or under carpet.
Can be taped to the wall with Supra's double-sided adhesive tape.

The conductors consists of compressed tin plated OFC braid. The special manufacturing process makes the cable both super flat and highly flexible. The tin plated Copper contributes to a better sound quality by minimising the skin-effect and making less current jumps between the wire surfaces.

Advantages

- Unobtrusive wiring on wall and under carpet
- No special installation tools required
- Easy to strip
- Flexible design for easy routing in corners and around doorframes
- Easy connection. No connectors are required
- Paintable insulation
- Can be taped to the wall with Supra's double-sided adhesive tape
- Tin plated conductors provides excellent corrosion resistance
- Made in Sweden

Product	Mechanical Specifications									Electr. Spec.		Sales Info	
	Cross. Area (mm²/AWG)	No. Cond.	No. Wires	Wire Dia. (mm)	Wire Material	Jacket	Ext. Size (mm)	Weight (g/m)	Tape Incl.	R (Ω/km)	L (µH/m)	E-No	Item No
FLAT 1.6 WHT B200					Tin Plated OFC	Heat & Ageing Res. PVC	1.95 x 11,7	54	10m	10.8	0,36	4800053	1000000925
FLAT 1.6 WHT 10M	1.6 / 15	2	96	0.15					10m			-	1000000933
FLAT 1.6 WHT 20M									20m				1000000941

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