

T C H E R N O V

C A B L E

2017

MADE IN RUSSIA

Tchernov Cable made its debut in High End audio in 2002 when a select range of innovative and compromise free audio and video cables was released. Entirely designed and built in Russia they employed some very unusual techniques to achieve a level of performance considerably ahead of their competitors. Further advancements in design and manufacture followed over the next decade. Thanks to a number of ground-breaking proprietary technologies, Tchernov Cable has grown to be one of the most highly regarded brands in the domestic market. Our "Made in Russia" products have met with international acclaim from the audio press and public alike. We are a company of music lovers and audio enthusiasts with our passion reflected in every piece of our work.

"We offer our customers an unbeatable combination of cutting-edge design and engineering with the world's finest materials and make them available for a competitive price without inflated costs for ridiculous cosmetics!"

A PHILOSOPHY OF “HIGH FIDELITY”

This viewpoint is what drives the Tchernov Cable team to create its products. We strive to capture the unique timbre of individual instruments and the individual style of performers playing them to keep the musical message intact with no loss of nuance or fine detail. By accurately transferring the musical data that makes up this individuality, our cables help to reveal the elegance and emotion of the greatest musicians both ancient and modern. Absolute transparency and unparalleled musicality are what Tchernov Cable is widely associated with and this fundamental design intent is embodied in all our products regardless of price.

BASIC PRINCIPLES OR “DIFFERENCE TO DISCOVER”

Tchernov Cable employs a scientific approach to cable design and engineering, as well as in factory management. We seek to represent the state of the art within the industry and strive to reach a level of musicality that approaches the experience of the live event as closely as possible. Tchernov Cable invites you to “discover the difference”.

CONSTRUCTION PRIORITY

The High End industry is frequently associated with ridiculous under engineered designs that can sound overly technical, sterile and soulless. Tchernov Cable chooses a completely different way. For us, a perfectly designed and computed cable construction and its exact implementation has always been a top priority over esoteric design practises. Having established this basic principle from the outset, we’ve been strictly following this path through the past 15 years of our research and development. We apply our exceptional technical solutions to every aspect of construction.

INNOVATIVE DESIGN

Tchernov Cable is a High-Tech brand. Freed from a doctrinal and conformist way of thinking we have successfully implemented a number of radically innovative designs. We built our reputation for extremely advanced individual conductor insulation and dielectric binding technologies like CAFPE®, SATI® and SASDB®. After years of development and continuous design refinements the proprietary Multi-Element Shielding Systems X-Shield® & X-Shield® SE, as well as the Cable-Core with FTDA® technology for conductor damping were successfully implemented as well. These are major evolutions in our continuous pursuit of perfection both in Home AV and in Car Audio markets.

NEUTRALITY

Tchernov Cable adheres to a component-friendly concept. Many competitors are excessively system dependent, highlighting or over emphasising some parts of the frequency range at the expense of the overall coherence and tonal balance. By offering a more extended and flat frequency response, our cables present music in a delightfully realistic way and help AV components with differing performance traits blend seamlessly into an integrated Hi-Fi set-up.

THE GOLDEN RATIO

Man's use of the Golden Ratio may have begun as early as the ancient Egyptians in the construction of the Pyramids. The Greeks used it for aesthetic perfection in their art and architecture while Renaissance artists saw it as a divine proportion that imparted beauty and balance in the creation of art. It also appears in the physical proportions of the human body and the universe. It goes back at least as far as 300 B.C., when the ancient Greek mathematician Euclid first ever described it in his major work, the "Elements" as the solution of equation $x^2 - x = 1$ (the irrational number, ≈ 1.618). Given its fundamental role in so many aspects of human existence, the Golden Ratio is also the framework for the lengths Tchernov Cable has determined as preferable for its terminated cables. We hereafter call them "standard lengths".

INDIVIDUAL CRAFTMANSHIP

Every Tchernov Cable product is individually hand crafted, packed and quality tested by highly qualified personnel at our own production facility in the city of Zelenograd in the Moscow region. We use custom SFS/AG solder designed by Tchernov Cable and made in Japan. The result is absolute engineering integrity and industry leading fit and finish.

VALUE FOR MONEY

All Tchernov cables offer targeted performance, quality and value. The technical level is determined by the model range with more complex elements accessible in the higher series. Research and experiments that have not yielded any clear sonic benefits are not pursued.

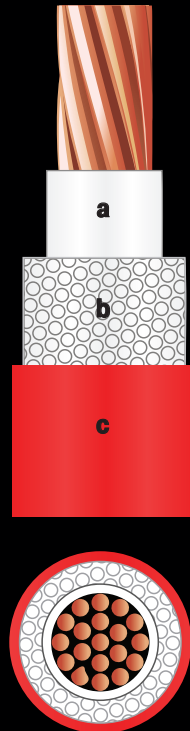
Our pricing policy is far removed from that employed by many of our esoteric rivals and is based on a principle of reasonable sufficiency. We put a strong emphasis on engineering and have invested heavily in areas such as high precision machinery and tooling, as well as qualified personnel to operate them. This comprises the bulk of our costs, which in some categories is still lower in comparison to most competitive brands. Tchernov Cable products are extremely competitive in both sonic performance and build quality to anything on the market.

CAFPE®

Individual conductor insulation has an enormous impact on the overall cable performance level. Tchernov Cable has introduced the multilayer sandwich type Combined Air-Foamed Polyethylene insulation – CAFPE®. The 3-layer CAFPE® comprises two layers of solid PE with different structural properties and an air-foamed PE in between. It provides superior dielectric qualities and is used mainly in coaxial designs with a 75 Ohm rated wave impedance for reducing signal energy loss.

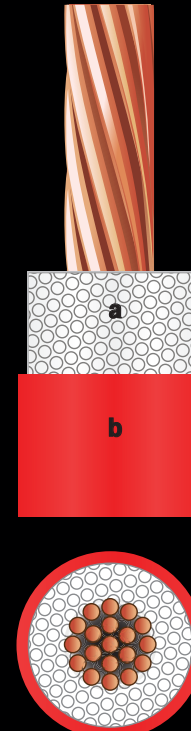
With the new advanced 2-layer CAFPE® previously unattainable consistent dielectric properties have been achieved. Developed exclusively for symmetrical conductor topology it consists of inner air-foamed PE and solid PE as an outer layer. The latest generation of high precision tooling, used to overlay the CAFPE®, provides improved uniformity and homogeneity of each layer. Having substituted a solid PE layer with the foamed one we eliminated a direct conductor contact with higher relative permittivity dielectric. Moreover, the extended inner air-foamed PE layer results in a further decrease of the overall cable capacitance and signal energy losses.

3-layer CAFPE®
(Combined Air-Foamed
Polyethylene)



- a) 1st layer – solid PE
- b) 2nd layer – air-foamed PE
- c) 3rd layer – solid PE

2-layer CAFPE®
(Combined Air-Foamed
Polyethylene)



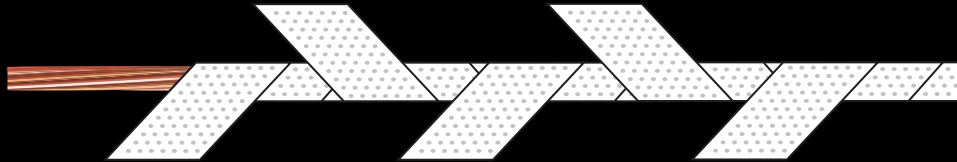
- a) 1st layer – air-foamed PE
- b) 2nd layer – solid PE

SATI®

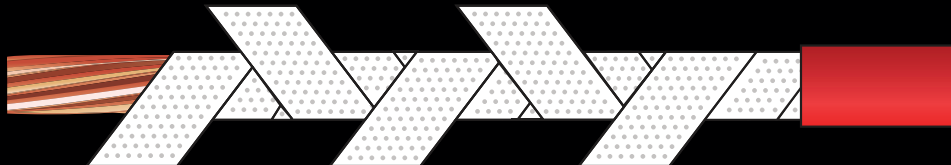
Semi-Air Tape Insulation – SATI® is our most technically advanced individual conductor insulation to date. Based on a process of overlaying cold porous non-polar dielectric tape (PTFE, Teflon®) overlaying, it avoids thermal stress to the conductor, eliminates copper recrystallization during the overlaying process thereby obtaining class leading levels of electrical conductivity and structural uniformity. Unlike thermal overlaying, SATI® preserves the porous semi-air structure of the PTFE tape, which significantly decreases the relative permittivity and signal energy losses within the dielectric. Moreover, with SATI® the relative permittivity is precisely distributed throughout the insulation volume, with lowest permittivity level near the conductor and rising as the distance from the conductor grows. Last but not least, the cold overlaying doesn't influence the viscosity and adhesiveness of the PTFE tape, which enhances the mechanical damping of the conductor. SATI® insulation is employed solely in our top of the line Reference & Ultimate cables.

SATI® (Semi-Air Tape Insulation)

5X-Cross porous PTFE tape insulation



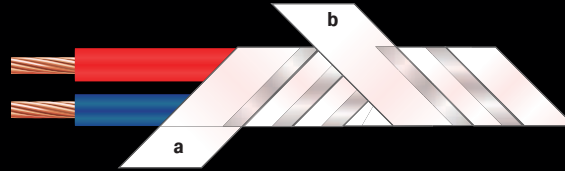
5X-Cross PTFE-SPE tape, overlaid with solid PE



SDB & SASDB®

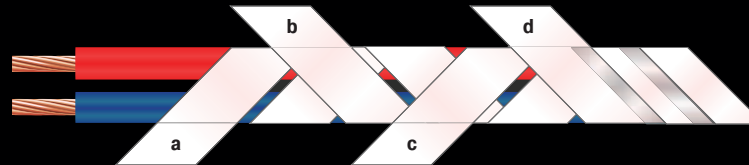
In Tchernov cables, binding is specially applied over the twisted insulated conductors. Besides individual conductor insulation, additional binding multiplies the overall cable dielectric properties. Innovative binding technologies are what Tchernov Cable is widely renowned for. We developed Standard Dielectric Binding – SDB, and Semi-Air-Spaced Dielectric Binding – SASDB® (Patent RU No.144590U). SDB is a 2-layer bi-directional X-Cross non-polar dielectric tape overlaying process. SASDB® is a 4-layer bi-directional X-cross PTFE (Teflon®) tape overlaying process, where each successor winding of the 3 opposite inner layers is performed with an air gap and the final layer completed with a 30% overlay. This sophisticated method ensures a significant decrease of signal energy losses thanks to the solid dielectric material being partially replaced by air spacing, which offers extremely low and frequency independent relative permittivity. Furthermore, due to the ease of mechanical interlayer tensions, vibrations are absorbed effectively with exceptional flexibility obtained at the same time.

SDB (Standard Dielectric Binding)



- a) 1st layer winding with 30% overlay
- b) 2nd layer opposite winding with 30% overlay

SASDB® (Semi-Air-Spaced Dielectric Binding Patent RU No.144590U)

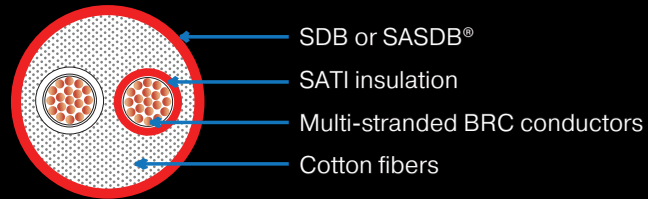


- a) 1st layer winding with gap
- b) 2nd layer opposite winding with gap
- c) 3rd layer winding with gap
- d) 4th layer opposite winding with 30% overlay

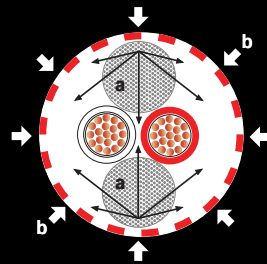
CABLE-CORE & FTDA®

With this ground-breaking technology, which is the foundation of our top-of-the-line Reference & Ultimate cables, we prove vibration damping is a performance parameter. The Cable-Core (Patent RU No. 124834U) consists of two individually insulated multi-stranded BRC conductors twisted symmetrically with two filling cotton cords of a bigger diameter and tightened with SDB or SASDB® dielectric binding under a consistent pressure. This foremost technology was named FTDA® (Fiber Torsion Damping). It is based on a principle of a conductor free floating in a viscous longitudinal fiber surround with high mechanical decrement. FTDA® provides effective mechanical conductor damping and decreases the electrodynamic noise, caused by the conductor vibration and movement in the Earth's magnetic field. To ensure a sufficiently high decremental ratio, the cotton fiber was chosen as a damping material because of its high longitudinal strength and excellent filling ability. Moreover, a high percentage of air inside and between cotton fibers ensures a low relative permittivity and minimal signal energy losses. High inter-fiber torsion and low filler density enhances the efficient absorption of the mechanical vibrations affecting the cable in the whole audio frequency range (by as much as 50 times) and ensures the widest possible dynamic range, which in this case is mainly limited by thermal noise and thermoelectric contact potentials.

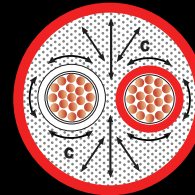
Cable-Core (Patent RU No. 124834U)



FTDA® (Fiber Torsion Damping)



Before binding
a) cotton cords
b) outer force by X-Cross

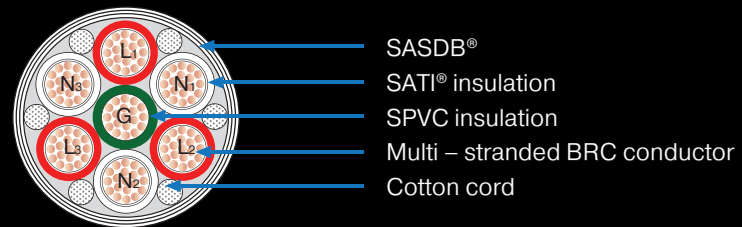


After binding
c) cotton fibers spreading
in the Cable-Core

DSC

Distributed Symmetric Conductor (DSC, patent pending) was first ever introduced in our newest flagship power cable – Reference AC Power, released late 2015. The energy transmission is carried out by two lines consisting of three similar conductors, configured around central grounding conductor in a hexagonal structure (1+6) with maximum packing factor. The phase (L) and neutral (N) conductors are aligned in alternating ring circuit. This structural topology enables the highest possible group wave speed, provides significant EMI reduction and good noise immunity up to 20-40dB compared to an ordinary 3-conductor topology. Low irradiation energy losses determine low and stable impedance in a wider frequency range from DC to tens of MHz and guarantee near-to-ideal energy transmission from power source to power consumer in a relatively compact outer diameter with exceptional flexibility, making the regular AC cord substitution easy and esthetic.

DSC (Distributed Symmetric Conductor)



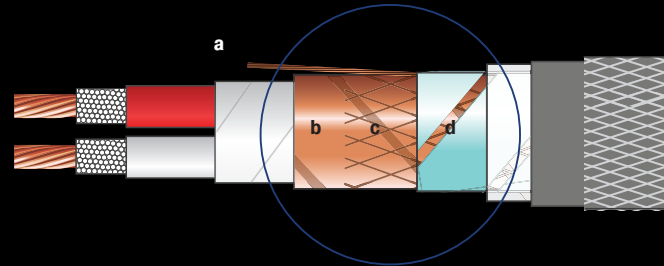
- a) Conductor L = L1 + L2 + L3
- b) Conductor N = N1 + N2 + N3
- c) Conductor G = GND (ground)

X-SHIELD® & X-SHIELD® SE

X-Shield® (Patent RU No.124837U) as a Multi-Element Shielding System is our most advanced EMI protection. It is a 3-layer interactive sandwich, where medium density (>25-50%) BRC braid is enclosed by two layers of copper foiled PET. The integral multi-stranded BRC drain wire is tracked along the inner foil layer which reduces the contact noise in the shield structure and improves the overall shielding capability. It also provides constant shield impedance at the lowest levels even upon mechanical deformation as well as uniform shield properties at every point of the cable. X-Shield® ensures exceptional protection from EMI across a wide frequency bandwidth – from ELF to SHF and drastically reduces the negative influence of multiple interferences on the actual audio signal path. Besides efficient noise suppression it further improves the overall mechanical and damping properties of the cable and ensures additional electrodynamic noise protection.

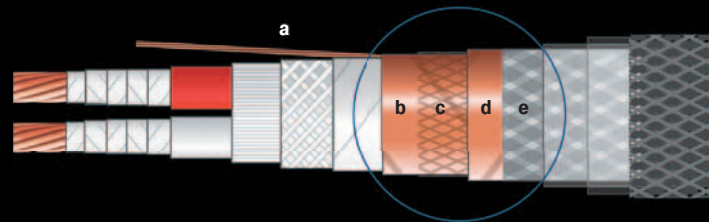
X-Shield® SE (Patent RU No.124835U) is the next generation of our Multi-Element Shielding System. It is used exclusively in our newest flagship Ultimate cables. The SE (Super Efficiency) edition is a 4-layer interactive sandwich, where a higher density (>50-60%) BRC braid is enclosed by two layers of solid 50 µ rolled BRC foil. Heavy BRC foil provides superior EMI protection in the extended frequency range especially at low frequencies, where the industrial noise is most intensive. Due to a higher metal mass, better vibration absorption and lower electrodynamic noise is achieved thus extending the attainable dynamic range. The >85% silver tinsel braid, applied as an additional outer layer steps-up the HF-UHF noise suppression along with overall flexibility and mechanical damping properties.

Multi-Element Shielding System X-Shield® (Patent RU No.124837U)



- a) Integral multi-stranded BRC drain wire
- b) Copper foiled PET
- c) BRC braid
- d) Copper foiled PET

Multi-Element Shielding System X-Shield® SE (Patent RU No.124835U)



- a) Integral multi-stranded BRC drain wire
- b) Rolled BRC foil
- c) BRC braid
- d) Rolled BRC foil
- e) Silver tinsel braid

MATERIALS AND INGREDIENTS

Only rigorously selected materials and the highest quality modern components are used in our products, resulting in an immense sonic richness that translates into a spectacular musical experience. Most of them are one of a kind, designed and manufactured in Russia: specially developed cable PVC compositions with enhanced dielectric and mechanical properties, unique organic dyes of a refined chemical formula, a high purity non-polar PE without any artificial polymerization accelerators that do have polar molecular structure, custom weaved pure cotton cords for conductor damping; all feature amongst many others. But nothing is more fundamental than Balanced Refinement Copper or BRC, used in our conductors and shields.

BALANCED REFINEMENT COPPER (BRC)

Unlike most of our rivals who religiously adhere to the use of 'oxygen free copper' (OFC), we have elected to take a different approach with BRC – Balanced Refinement Copper. Every ounce we use is made from high quality copper from the Ural region of Russia which then undergoes electrolytic refinement. When shaped into foil or rod wire forms the result is an extremely uniform and defect free crystal structure with exceptional conductivity. Added benefits include high ductility and resistance to tearing. It is principally used in heavy duty industrial applications with demanding quality requirements.

We examined these properties in detail. To this end, extensive chromatographic and mass spectrum analysis was combined with our findings from comprehensive listening tests. A consistent result of this testing was that oxygen free copper performed far worse than the electrical one. This is almost entirely down to the presence of higher quantities of silicon (Si) which is used as an oxygen absorber during the deoxidisation process.

As well as the negative impact of silicon, the elements in the 3rd, 4th and 5th periods, such as sulphur (S), germanium (Ge), arsenic (As) selenium (Se), tin (Sn) and antimony (Sb) also have an entirely negative effect on the performance. Even when present in quantities of no greater than 0.001 to 0.003%, they can create chemical compounds that have semiconductor properties and form Schottky barrier junctions at the borders of crystals.

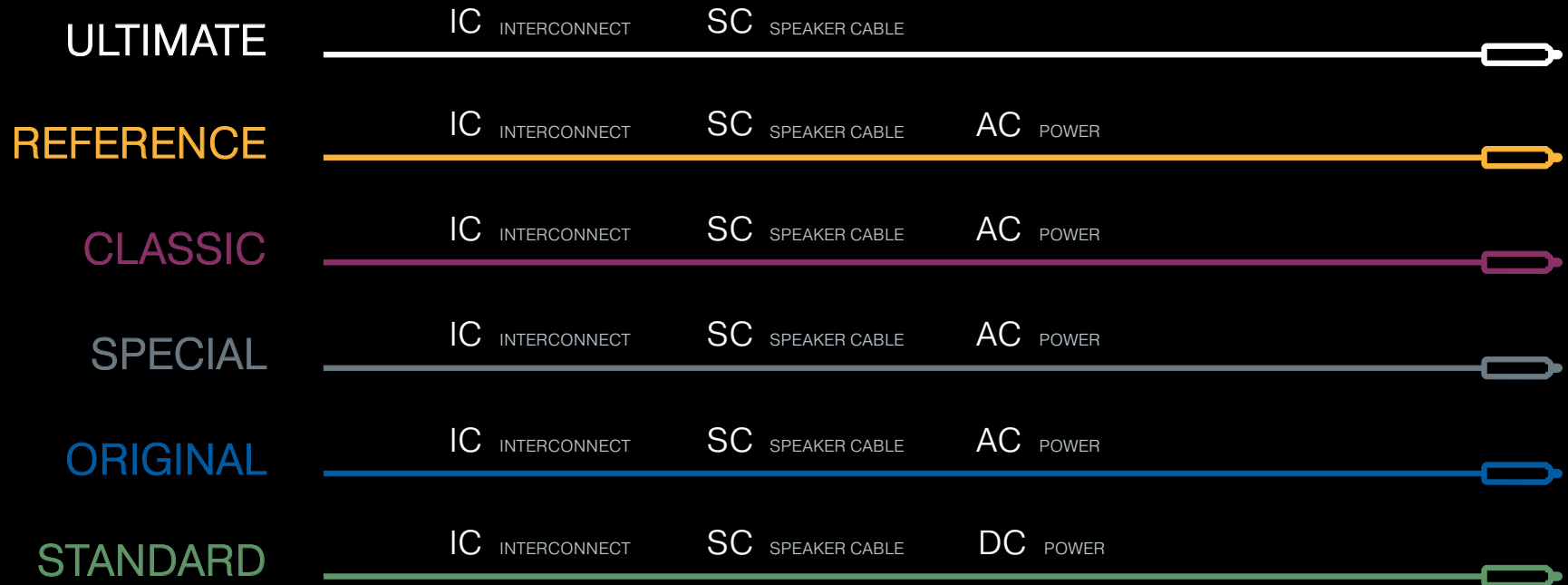
The effect of metals in the iron subgroup – chrome (Cr), manganese (Mn), iron (Fe) and cobalt (Co) – are also very unwelcome. Quantities of no more than 0.001 to 0.005% can affect the plasticity of the copper and make it brittle. This in turn leads to an increase in non-linear distortion in the conductor especially at higher current densities.

When we reach the metals of the 5th and 6th periods, such as silver (Ag), gold (Au), lead (Pb) and the platinum subgroup (Rh, Pd, Pt, Ir) and the non-metals of the 2nd period such as carbon (C), nitrogen (N) and oxygen (O), the results are different and much more benign. In quantities of between 0.01 to 0.03%, there is no noticeable effect on either the electrical properties or sound quality of the conductor. Additionally, the presence of elements such as silver in a quantity of up to 0.02% and lead at a lower quantity of 0.0005% serves to improve the uniformity of the crystal structure in copper wire, increases the recrystallization temperature and helps the wire to retain high electrical conductivity after it has been subjected to mechanical stress. These are attributes that are especially useful in high quality audio and video cables.

The effects of these different materials might be likened to mineral water. Many impurities are entirely unwelcome but the presence of other substances in trace amounts results in a water that is preferable in both taste and health terms to "purer" distilled water. Seeking to achieve a similar benefit in conductors, we place orders for samples with the specified ratios of chemical impurities. Further chromatographic and mass spectrum analysis of these samples led to the selection of a specific batch to be used for all Tchernov conductors and shields. It is named Balanced Refinement Copper (BRC). BRC performs optimally and with stunning fidelity for both audio and video, rendering information precisely as it was recorded without added coloration and distortion.

TCHERNOV CABLES





STANDARD SERIES

The most affordable Tchernov Cable range still embodies our fundamental standards of design and craftsmanship. From the outset, the intention was to create highly versatile interconnects, speaker and DC power cables for entry-level installations made from the finest components and advanced technologies. Suitable for various basic multichannel AV and Car Audio applications, Standard cables offer the highest quality performance at this price point. As a result any set-up wired with these cables acquires our trademark tonal balance and natural timbre.



STANDARD INTERCONNECT CABLES

Designed with a strong emphasis on engineering efficiency, Standard IC's perform far beyond the value of the materials used. A coaxial construction with BRC conductor and braided shield takes full advantage of our proprietary 3-layer CAFPE® insulation with superior dielectric qualities. The modified Russian made antistatic low-loss SPVC is colored by unique organic dye of a refined chemical formula and provides excellent mechanical damping, exceptional flexibility and low friction to make installation in a confined space straightforward and practical. Standard IC's are fitted with the all new miniature ergonomic RCA plugs with the center pins made of high grade beryllium copper.



STANDARD 1 IC RCA

Type: analog coaxial interconnect cable
 Conductor: 2 x 0.35 mm² (7 x 0.265 mm)
 multi-stranded BRC conductors
 Insulation: 3-layer CAFPE®
 Shield: >90% BRC braid
 Jacket: antistatic low-loss SPVC
 Outer dimensions: 5 x 13 mm
 Termination: RCA/RCA with Standard 1 plug
 Available: on spools and in standard
 RCA terminated lengths
 Manufactured: Russia



STANDARD 2 IC RCA

Type: analog coaxial interconnect cable
 Wave impedance: 75 Ohm
 Conductor: 0.50 mm² (19 x 0.18 mm)
 multi-stranded BRC conductor
 Insulation: 3-layer CAFPE®
 Shield: >90% BRC braid
 Jacket: antistatic low-loss SPVC
 Outer diameter: 7 mm
 Termination: RCA/RCA with Standard 2 plug
 Available: on spools and in standard
 RCA terminated lengths
 Manufactured: Russia



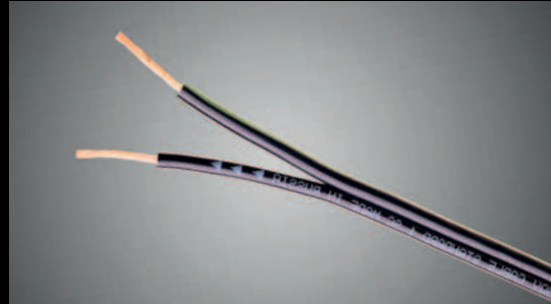
STANDARD SUB IC RCA

Type: subwoofer interconnect cable
 Wave impedance: 75 Ohm
 Conductor: 0.50 mm² (19 x 0.18 mm)
 multi-stranded BRC conductor
 Insulation: 3-Layer CAFPE®
 Shield: >90% BRC braid
 Jacket: antistatic low-loss SPVC
 Cover: nylon protective sleeve
 Outer diameter: 8 mm
 Termination: RCA/RCA with Special V2 plug
 Available: in standard RCA terminated lengths
 Manufactured: Russia

STANDARD SPEAKER CABLES

The Standard 1 SC & Standard 2 SC both employ parallel multi-stranded BRC conductors, woven using the advanced Multiwire technology. The precise inter-wire tension ensures an accurate tight weave and strand conformity with an exact round profile for perfect concentric insulation overlaying. Though the geometric area has been slightly reduced, the physical cross-section is exactly the same. This in turn enables an increased jacket

thickness and improved dielectric qualities. Both cables are jacketed with a newly modified antistatic low-loss SPVC, colored with a refined formula of organic dye. Noted for distinctive potent sound they achieve stunning dynamics at an extremely competitive price. Awesome flexibility simplifies their installation even in hard to reach places.



STANDARD 1 SC

Type:	speaker cable with parallel conductors
Conductor:	multi-stranded BRC conductors: 2 x 1.0 mm ² (40 x 0.18 mm)
Insulation:	antistatic low-loss SPVC
Outer dimensions:	3 x 6 mm
Available:	on spools
Manufactured:	Russia



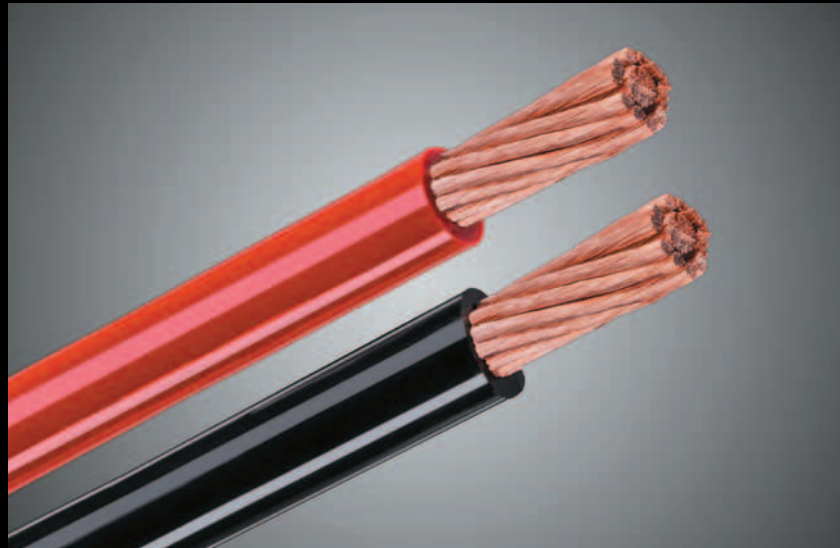
STANDARD 2 SC

Type:	speaker cable with parallel conductors
Conductor:	multi-stranded BRC conductors: 2 x 2.0 mm ² (80 x 0.18 mm)
Insulation:	antistatic low-loss SPVC
Outer dimensions:	4 x 8 mm
Available:	on spools
Manufactured:	Russia

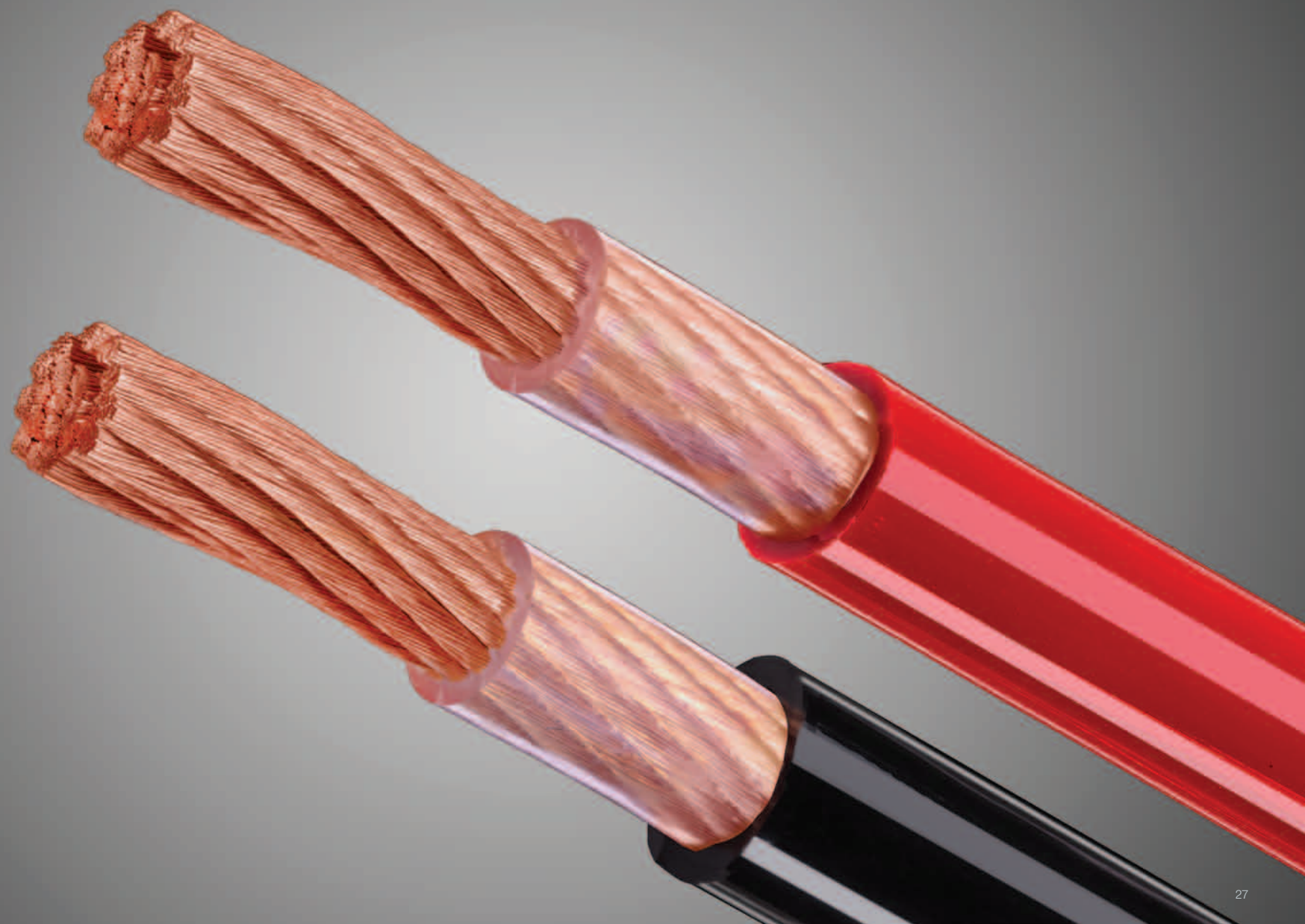
STANDARD DC POWER CABLES

It is beyond all doubt that a quality power supply has a huge impact on the output of Car Audio. The new Standard DC Power is built around a large-scale BRC conductor with improved woven multi-strand arrangement. It is available at present in 4 widely used gauges: 0 AWG (53.50 mm²), 2 AWG (35.00 mm²), 4 AWG (21.50 mm²) and 8 AWG (8.50 mm²). The insulation is constructed of a newly developed Russian made low-loss NPVC (Neutral PVC) with unrivalled dielectric properties that go beyond

those of competitors. Widely used in the medical industry for its neutral formula, NPVC offers improved elasticity, high mechanic vibration and acoustic noise protection, as well as excellent resistance to abrasions, tears, temperature fluctuations and aggressive chemical effects. The Standard DC Power provides flawless power transmission with compelling realism and stunning dynamics at an extremely competitive price point.



Type:	power cable for high current 12-24V DC applications
Conductor:	multi-stranded BRC conductor variants: 0 AWG (53.50 mm ²), 2 AWG (35.00 mm ²), 4 AWG (21.50 mm ²) or 8 AWG (8.50 mm ²)
Jacket:	low-loss NPVC
Outer diameter:	17 mm (0 AWG), 12.5 mm (2 AWG), 10.2 mm (4 AWG), 7.4 mm (8 AWG)
Available:	in bulks (0 AWG), or on spools (2 AWG, 4 AWG, 8 AWG)
Manufactured:	Belarus



ORIGINAL SERIES

It is a fitting embodiment of our radical approach to improve conventional designs. The Original series combines audio and video interconnects, speaker and AC power cables packed with unique design features that result in a more substantial and authoritative sound as well as crisp and clean video images. These cables are intended for use in a variety of highly tailored AV & Car Audio applications, where their outstanding abilities should be highlighted.



ORIGINAL MkII INTERCONNECT CABLE

Developed to transmit analogue and digital signals with the drastically improved definition, the Original MkII IC & Original IC S/PDIF are highly tailored interconnects with a rated 75 Ohm wave impedance and superior EMI suppression. The major evolution is the enhanced 2-layer shield. Instead

of a copper foiled PET the inner layer is now executed of solid 25 μ rolled copper foil, while a >90% BRC braid forms the outer layer. These cables are highly recommended for sophisticated installations, where efficient multiple external interferences protection is a key requirement.



ORIGINAL MkII IC RCA

Type:	coaxial interconnect cable available in analogue or different digital/video variants
Wave impedance:	75 Ohm
Conductor:	0.70 mm ² (19 x 0.23 mm) multi-stranded BRC conductor
Insulation:	3-layer CAFPE®
Shield:	inner layer - 25 μ rolled copper foil, outer layer - >90% BRC braid
Jacket:	antistatic low-loss SPVC
Outer diameter:	8 mm
Termination:	RCA/RCA with Special V2 plug
Available:	in standard RCA terminated lengths
Manufactured:	Russia



ORIGINAL IC S/PDIF

Type:	digital coaxial interconnect cable for S/PDIF
Wave impedance:	75 Ohm
Conductor:	0.70 mm ² (19 x 0.23 mm) multi-stranded BRC conductor
Insulation:	3-layer CAFPE®
Shield:	inner layer - 25 μ rolled copper foil, outer layer - >90% BRC braid
Jacket:	antistatic low-loss SPVC
Protective cover:	nylon sleeve
Outer diameter:	8 mm
Termination:	RCA/RCA with Classic V2 plug
Available:	in standard RCA terminated lengths
Country of origin:	made in Russia



ORIGINAL SPEAKER CABLES

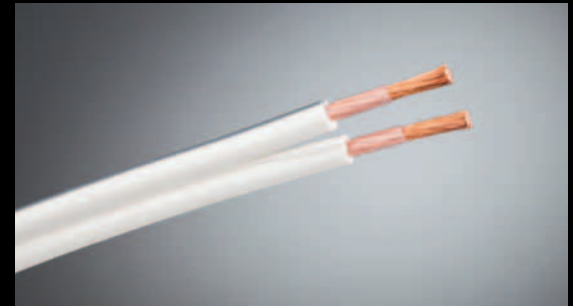
The Original One & Original Two speaker cables are built around parallel multi-stranded BRC conductors in a common antistatic low-loss SPVC jacket. They were designed for specific installations that require higher resolution from a streamlined non-round profile. This was achieved by applying individual solid PE conductor insulation. With an amazing price-

to-performance ratio the Original SC's easily outshine most competing products at price points far exceeding that of their own in terms of substance and overall linearity. Exceptional flexibility derived from their Multiwire conductor arrangement coupled with a jacket made of high damping low-loss SPVC also makes them easy to install.



ORIGINAL ONE SC

Type:	speaker cable with parallel conductors
Conductor:	2 x 2.50 mm ² (98 x 0.18 mm) multi-stranded BRC conductors
Insulation:	solid PE
Jacket:	antistatic low-loss SPVC
Outer dimensions:	5 x 12 mm
Available:	on spools
Manufactured:	Russia



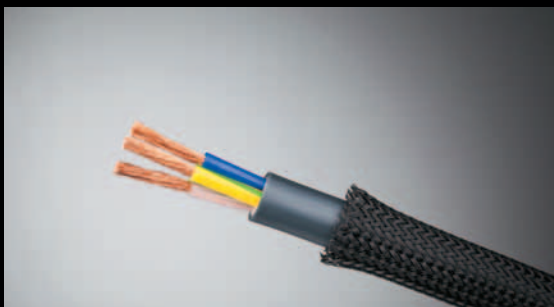
ORIGINAL TWO SC

Type:	speaker cable with parallel conductors
Conductor:	2 x 4.00 mm ² (161 x 0.18 mm) multi-stranded BRC conductors
Insulation:	solid PE
Jacket:	antistatic low-loss SPVC
Outer dimensions:	6 x 14 mm
Available:	on spools
Manufactured:	Russia

ORIGINAL AC POWER CABLE

Our entry-level 100-240V AC, 50/60 Hz AV power cable was designed to provide a considerable advance over conventional mains cables. Its double jacket comprises an inner layer made of non-coloured soft damping low-loss SPVC and an

outer layer comprised of colored SPVC that offers impressive resistance against temperature fluctuations and aggressive environments. Any AV component, powered by the Original AC, gains improved dynamics and increased resolution.



ORIGINAL AC POWER

Type: 100-240V AC, 50/60 Hz power cable
 Conductor: 3 x 2.50 mm² (56 x 0.26 mm) twisted multi-stranded BRC conductors
 Insulation: solid PE
 Jacket: 2-layer antistatic low-loss SPVC
 Outer diameter: 10 mm
 Available: on spools and in standard terminated lengths
 Manufactured: Russia



ORIGINAL AC POWER EUR

Type: 100-240V AC, 50/60 Hz power cable
 Conductor: 3 x 2.50 mm² (56 x 0.26 mm) twisted multi-stranded BRC conductors
 Insulation: solid PE
 Jacket: 2-layer antistatic low-loss SPVC
 Cover: nylon protective sleeve
 Termination: EUR AC plugs
 Outer diameter: 11 mm
 Available: on spools and in standard terminated lengths
 Manufactured: Russia



ORIGINAL AC POWER US

Type: 100-240V AC, 50/60 Hz power cable
 Conductor: 3 x 2.50 mm² (56 x 0.26 mm) twisted multi-stranded BRC conductors
 Insulation: solid PE
 Jacket: 2-layer antistatic low-loss SPVC
 Cover: nylon protective sleeve
 Termination: USA AC plugs
 Outer diameter: 11 mm
 Available: on spools and in standard terminated lengths
 Manufactured: Russia

SPECIAL SERIES

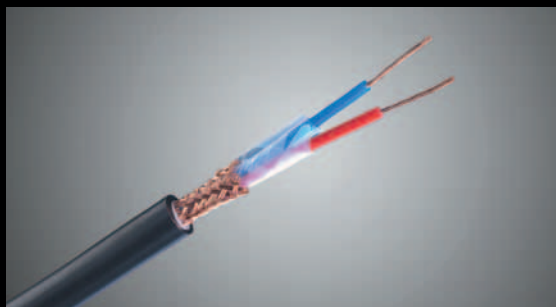
What's so special about this completely revised series? Taking advantage of the 12 years of technological experience it's our most affordable range that blends symmetrical design with ground-breaking innovations, first introduced in our best ever Classic series including 2-layer CAFPE®, SASDB® & X-Shield® at a fraction of the price. The unique conductor insulation, binding and shielding solutions are a great step forward over their predecessors. Dramatic sonic improvements across the full frequency bandwidth result in a compelling and tangible spatial performance that more than justifies the asking price. The Special family features analogue interconnects, speaker and AC power cables.



SPECIAL INTERCONNECT CABLES

Featuring a refined design and scaled down dimensions to meet the demand for a modern slim shaped hi-tech interconnect, the new Special's have the distinction of being both relatively affordable and superb performers with an obvious resemblance to famed Classics. The major evolution is the revised 2-layer CAFPE® conductor insulation. This is overlaid with the use of high precision

tooling, with the uniformity and homogeneity of each insulation layer being improved. The extended thickness of the inner air-foamed PE and outer solid PE layers results in a previously unattainable dielectric consistency and significant reductions in the overall capacity and signal energy losses.



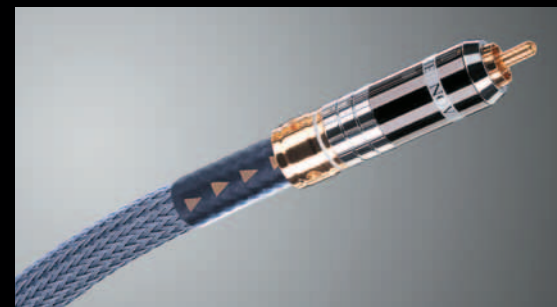
SPECIAL MkII IC

Type: analog interconnect cable
 Conductor: 2 x 0.35 mm² (7 x 0.265 mm) twisted multi-stranded BRC conductors
 Insulation: 2-layer CAFPE®
 Binding: SASDB®
 Shield: >90% BRC braid
 Jacket: antistatic low-loss SPVC
 Outer diameter: 6.2 mm
 Available: on spools
 Manufactured: Russia



SPECIAL MkII IC RCA

Type: analog interconnect cable
 Conductor: 2 x 0.35 mm² (7 x 0.265 mm) twisted multi-stranded BRC conductors
 Insulation: 2-layer CAFPE®
 Binding: SASDB®
 Shield: >90% BRC braid
 Jacket: antistatic low-loss SPVC
 Outer diameter: 6.2 mm
 Termination: RCA/RCA with Special V2 plug
 Available: in standard RCA terminated lengths
 Manufactured: Russia



SPECIAL SUB IC RCA

Type: subwoofer interconnect cable
 Conductor: 2 x 0.35 mm² (7 x 0.265 mm) twisted multi-stranded BRC conductors
 Insulation: 2-layer CAFPE®
 Binding: SASDB®
 Shield: >90% BRC braid
 Jacket: antistatic low-loss SPVC
 Cover: nylon protective sleeve
 Outer diameter: 9.60 mm
 Termination: RCA/RCA with Classic V2 plug
 Available: in standard RCA terminated lengths
 Manufactured: Russia

SPECIAL XS MkII

INTERCONNECT CABLES

Using the same conductor/insulation/binding assembly, the XS version features X-Shield® – our most advanced Multi-Element Shielding System. X-Shield® brings exceptional EMI protection across a wide frequency bandwidth – from ELF to SHF and drastically reduces the negative influence of multiple external interferences

on the actual audio signal path. Besides effective noise protection it further improves the overall mechanical and damping properties. The Special XS MkII IC proves to be a sophisticated cable with extremely high performance aspirations: the midrange is smooth and clean while the bass register is taut, well defined and extended.



SPECIAL XS MkII IC RCA

Type: interconnect cable
 Wave impedance: 110 Ohm
 Conductor: 2 x 0.35 mm² (7 x 0.265 mm) twisted multi-stranded BRC conductors
 Insulation: 2-layer CAFPE®
 Binding: SASDB®
 Shield: X-Shield®
 Jacket: antistatic low-loss SPVC
 Outer diameter: 8.5 mm
 Termination: RCA/RCA with Special V2 plug on spools and in standard terminated lengths
 Available:
 Manufactured: Russia



SPECIAL XS MkII IC XLR

Type: interconnect cable
 Wave impedance: 110 Ohm
 Conductor: 2 x 0.35 mm² (7 x 0.265 mm) twisted multi-stranded BRC conductors
 Insulation: 2-layer CAFPE®
 Binding: SASDB®
 Shield: X-Shield®
 Jacket: antistatic low-loss SPVC
 Cover: nylon protective sleeve
 Outer diameter: 9.8 mm
 Termination: XLR/XLR with Classic V2 plug on spools and in standard terminated lengths
 Available:
 Manufactured: Russia



SPECIAL XS SUB IC XLR

Type: subwoofer interconnect cable
 Wave impedance: 110 Ohm
 Conductor: 2 x 0.35 mm² (7 x 0.265 mm) twisted multi-stranded BRC conductors
 Insulation: 2-layer CAFPE®
 Binding: SASDB®
 Shield: X-Shield®
 Jacket: antistatic low-loss SPVC
 Cover: nylon protective sleeve
 Outer diameter: 9.80 mm
 Termination: XLR/XLR with Classic V2 plug in standard terminated lengths
 Available:
 Manufactured: Russia

SPECIAL SPEAKER CABLES

This is the starting point for symmetrical design in our speaker cables. A twisted conductor configuration yields crucial advantages in transparency and clarity along with increased focus and resolution across all frequencies. The major innovation featured here is SDB – Standard

Dielectric Binding which boosts both dielectric and mechanical qualities. All our refinements make the Special SC's suitable for any AV environment, especially where there is a need to protect equipment from EMI.



SPECIAL SC

Type:	speaker cable
Conductor:	2 x 2.00 mm ² (80 x 0.18 mm) twisted multi-stranded BRC conductors
Insulation:	2-layer CAFPE®
Binding:	SDB
Jacket:	antistatic low-loss SPVC
Outer diameter:	11.5 mm
Available:	on spools
Manufactured:	Russia



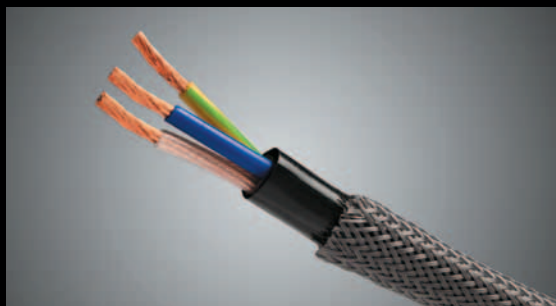
SPECIAL XS SC

Type:	shielded speaker cable
Conductor:	2 x 2.50 mm ² (84 x 0.196 mm) twisted multi-stranded BRC conductors
Insulation:	2-layer CAFPE®
Binding:	SDB
Shield:	X-Shield® with an integral multi-stranded BRC drain wire
Jacket:	antistatic low-loss SPVC
Cover:	nylon protective sleeve
Outer diameter:	15.5 mm
Termination:	Banana/Banana, Spade/Banana with Original connectors
Available:	on spools and in standard terminated lengths
Manufactured:	Russia

SPECIAL AC POWER CABLE

This was designed as an all-round power solution for 100-240V AC, 50/60 Hz applications. However, it is the 2-layer high-performance Elastollan® selected for jacketing that sets the Special AC Power apart from everything available at this price point up until now. Developed exclusively by BASF, this thermoplastic polyurethane (TPU) with a unique

molecular structure provides an exceptional compression set, high elastic memory, hydrolytic stability and resilience, enhanced insulation and vibration absorption. It is suited not only for conventional power cable upgrades, but for dedicated power line installations as well.



SPECIAL AC POWER

Type:	power cable for Home AV (100-240V AC, 50/60 Hz)
Conductor:	3 x 2.50 mm ² (56 x 0.26 mm) twisted multi-stranded BRC conductors
Insulation:	solid PE
Jacket:	thermoplastic polyurethane (TPU) Elastollan®
Outer diameter:	10 mm
Available:	on spools
Manufactured:	Russia



SPECIAL AC POWER EUR

Type:	power cable for Home AV (100-240V AC, 50/60 Hz)
Conductor:	3 x 2.50 mm ² (56 x 0.26 mm) twisted multi-stranded BRC conductors
Insulation:	solid PE
Jacket:	thermoplastic polyurethane (TPU) Elastollan®
Cover:	nylon protective sleeve
Termination:	EUR AC plugs
Outer diameter:	10 mm
Available:	on spools and in standard terminated lengths
Manufactured:	Russia

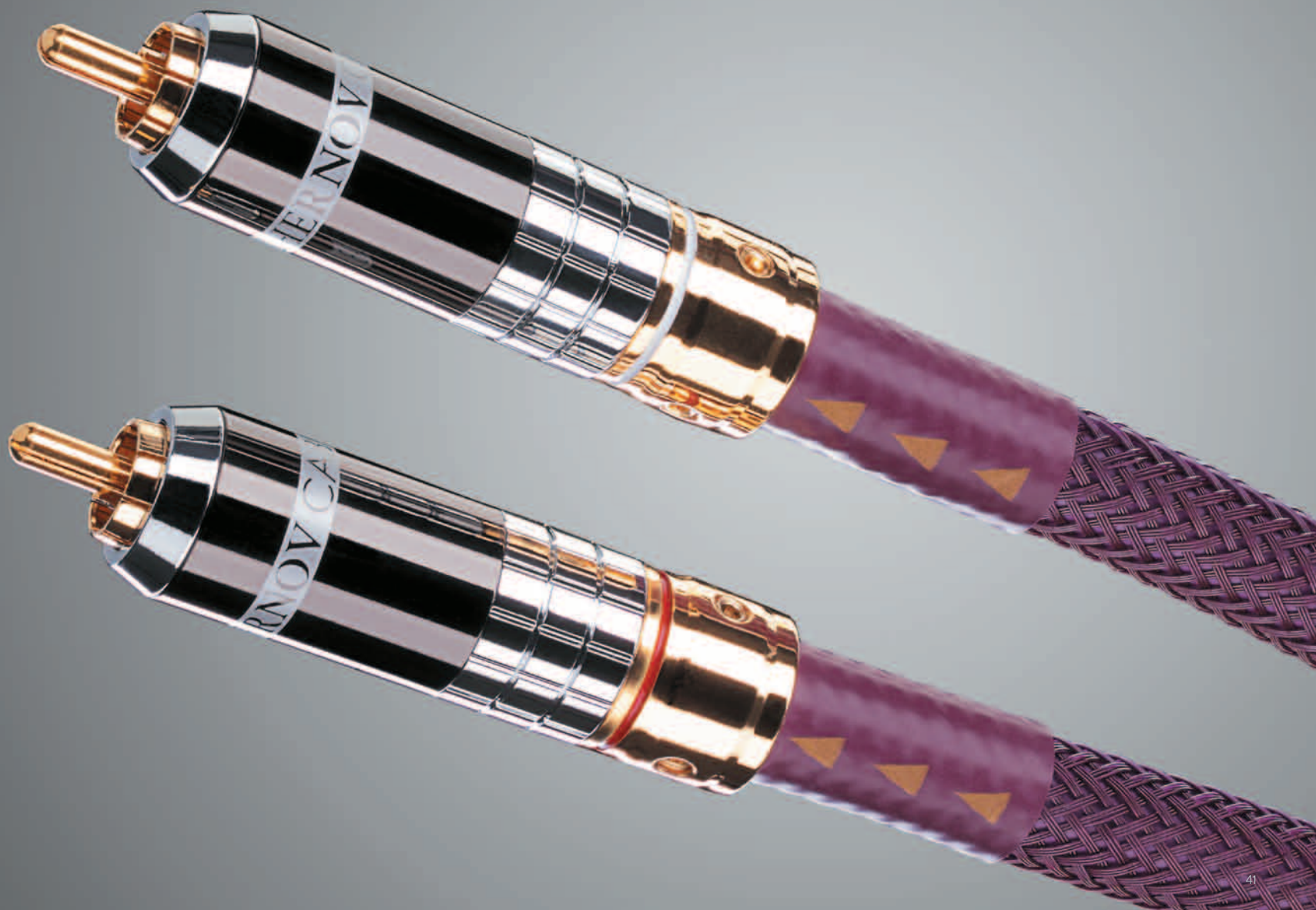


SPECIAL AC POWER US

Type:	power cable for Home AV (100-240V AC, 50/60 Hz)
Conductor:	3 x 2.50 mm ² (56 x 0.26 mm) twisted multi-stranded BRC conductors
Insulation:	solid PE
Jacket:	thermoplastic polyurethane (TPU) Elastollan®
Cover:	nylon protective sleeve
Termination:	USA AC plugs
Outer diameter:	10 mm
Available:	on spools and in standard terminated lengths
Manufactured:	Russia

CLASSIC SERIES

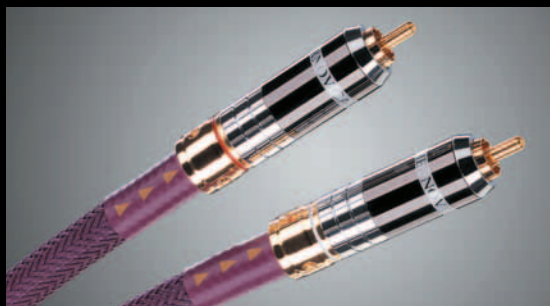
This is Tchernov Cable's long standing champion, which has always been its most significant global success. Performance and value for money are everything in modern Hi-End. With this in mind we redesigned the range and took a chance to raise it to ever higher standards. The new Classic MkII cables replace their predecessors with a significant boost to their technical and sonic attributes that sees every worthwhile feature seamlessly integrated from top to bottom. SASDB® (Semi-Air-Spaced Dielectric Binding) as a core innovation pioneered here, along with the newest 2-layer CAFPE® conductor insulation and patented X-Shield® EMI protection combine to present our unique brand identity. The Classic family has always been a benchmark of a beautifully balanced sound, excellent build quality and user satisfaction, and we believe that our improvements will ensure that it continues to set these standards. The range combines analogue and digital interconnects, different speaker and AC power cables.



CLASSIC INTERCONNECT CABLES

Designed and engineered for serious audiophiles, the Classic MkII interconnects not only inherit all the advantages of their highly rated predecessors but are vastly superior in all respects. Their further evolution has been achieved through intensive revision of the insulation. Implementation of the SASDB® (Semi-Air-Spaced Dielectric Binding) significantly reduces signal energy losses caused by solid dielectric material, being

partially replaced by air spacing with extremely low and frequency independent relative permittivity. Moreover, a 12% extension of the 2-layer CAFPE® individual conductor insulation along with structural refinements to each layer boosts dielectric parameters and reduces cable capacitance. As a result the new Classics are more extended along the frequency extremes and have a flatter frequency response.



CLASSIC MkII IC RCA

Type:	analog interconnect cable
Conductor:	2 x 0.50 mm ² (19 x 0.18 mm) twisted multi-stranded BRC conductors
Insulation:	2-layer CAFPE®
Binding:	SASDB®
Shield:	>90% BRC braid
Jacket:	antistatic low-loss SPVC
Cover:	nylon protective sleeve
Outer diameter:	10 mm
Termination:	RCA/RCA with Classic V2 plugs
Available:	in standard terminated lengths
Manufactured:	Russia



CLASSIC MkII IC XLR

Type:	analog interconnect cable
Conductor:	2 x 0.50 mm ² (19 x 0.18 mm) twisted multi-stranded BRC conductors
Insulation:	2-layer CAFPE®
Binding:	SASDB®
Shield:	>90% BRC braid
Jacket:	antistatic low-loss SPVC
Cover:	nylon protective sleeve
Outer diameter:	10 mm
Termination:	XLR/XLR with Classic V2 plugs
Available:	in standard terminated lengths
Manufactured:	Russia

CLASSIC XS MkII INTERCONNECT CABLES

The XS version effortlessly combines the enlarged 0.70 mm² multi-stranded BRC conductors with the insulation/binding assembly similar to that of the ordinary MkII version. X-Shield® serves as efficient EMI protection across a wide frequency range – from ELF to SHF and improves overall mechanical and damping properties. The Classic XS MkII IC is fitted with the all new precision-

made Classic V2 RCA & XLR plugs with the pins made of high grade 10 µ gold plated beryllium copper for analog and digital (AES/EBU) audio. In terms of performance it has enjoyed a startling evolutionary leap and became our most extraordinary, perfectly balanced, sonically neutral interconnect for the asking price.



CLASSIC XS MkII IC RCA

Type: analog interconnect cable
Wave impedance: 110 Ohm
Conductor: 2 x 0.70 mm² (19 x 0.20 mm) twisted multi-stranded BRC conductors
Insulation: 2-layer CAFPE®
Binding: SASDB®
Shield: X-Shield®
Jacket: antistatic low-loss SPVC
Cover: nylon protective sleeve
Outer diameter: 10 mm
Termination: RCA/RCA with Classic V2 plugs
Available: in standard terminated lengths
Manufactured: Russia



CLASSIC XS Mk II IC XLR

Type: analog interconnect cable
Wave impedance: 110 Ohm
Conductor: 2 x 0.70 mm² (19 x 0.20 mm) twisted multi-stranded BRC conductors
Insulation: 2-layer CAFPE®
Binding: SASDB®
Shield: X-Shield®
Jacket: antistatic low-loss SPVC
Cover: nylon protective sleeve
Outer diameter: 10 mm
Termination: XLR/XLR with Classic V2 plugs
Available: in standard terminated lengths
Manufactured: Russia



CLASSIC MkII IC AES/EBU

Type: digital interconnect cable
Wave impedance: 110 Ohm
Conductor: 2 x 0.70 mm² (19 x 0.20 mm) twisted multi-stranded BRC conductors
Insulation: 2-layer CAFPE®
Binding: SASDB®
Shield: X-Shield®
Jacket: antistatic low-loss SPVC
Cover: nylon protective sleeve
Outer diameter: 10 mm
Termination: AES/EBU with Classic V2 plugs
Available: in standard terminated lengths
Manufactured: Russia

CLASSIC

USB A-B

INTERCONNECT CABLE

The new Classic USB A-B IC allows the full utilization of the Universal Serial Bus revision 2.0 capabilities including the transmission of a multichannel high resolution digital audio data flow. The extremely high EMI immunity is achieved by double shielding, which dramatically reduces the EM radiation especially at high transmission rates and decreases the external EM field influence over the

digital signal data flow. Individual shielding of signal and power conductor pairs excludes any possible interference eliminating transmission errors and provides noise free power for external USB devices. The Classic USB A-B IC is distinguished by a surprisingly analog character of sound reproduction free of any associated digital fingerprint.



CLASSIC USB A-B IC

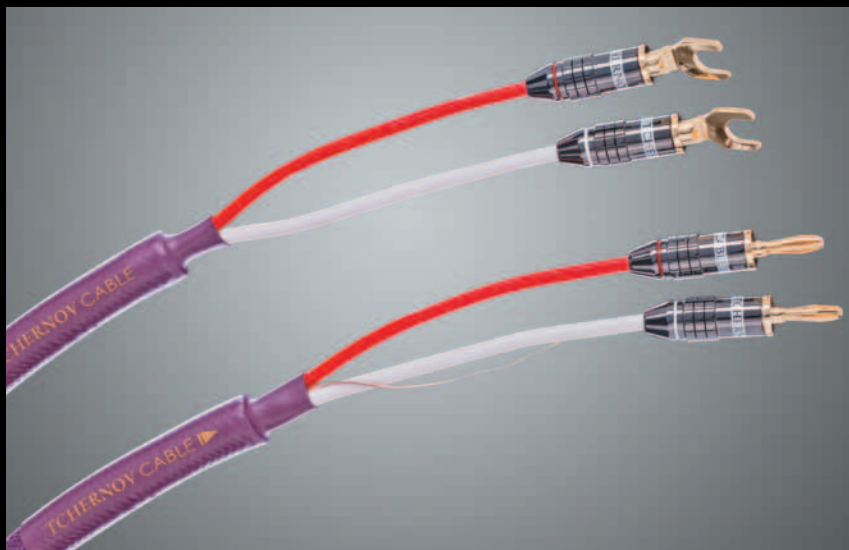
Type:	USB Audio 2.0 digital interconnect cable
Conductor:	2 x 0.34 mm ² (7 x 0.25 mm) multi-stranded BRC conductors
Insulation:	2-layer CAFPE®
Shield:	Each conductor pair is shielded by copper foiled PET with integral multi-stranded BRC drain wire Common shield – >80% BRC braid
Jacket:	low-loss SPVC
Cover:	nylon protective sleeve
Outer diameter:	7 mm
Available:	in standard terminated lengths
Manufactured:	China



CLASSIC SPEAKER CABLES

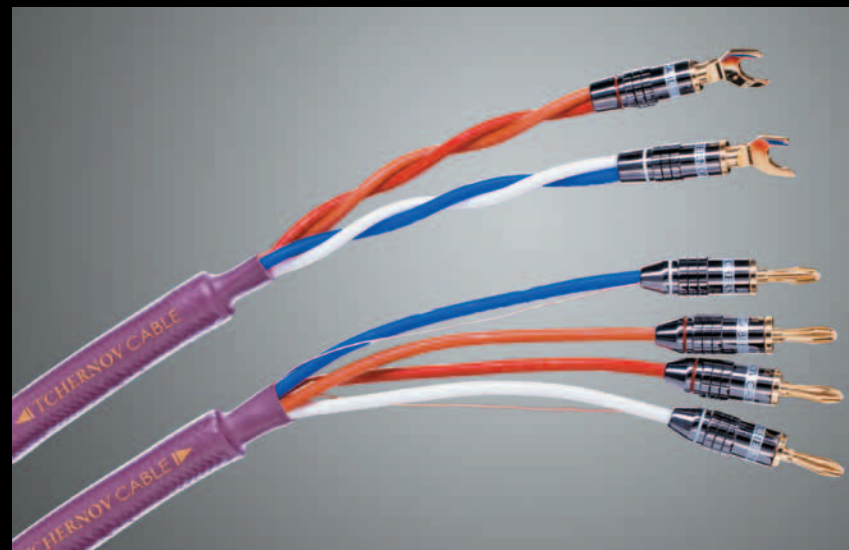
Our most renowned speaker cable range that Tchernov Cable is best known for went through a ground-up redesign to attain a higher level of performance. The new Classic MkII SC & Classic Bi-Wire MkII SC now embody our contemporary design philosophy and feature stunning technical attributes. Developed for versatile speaker connections they far exceed their predecessors and

most of the competitors within a wide price segment – from mid to high. Unrivalled dynamics, transparency and a potent bass impact, combined with absolute linearity and neutrality create a revelatory performance. The new Classic SC's help modern high power amplifiers and speakers reveal their full potential, extracting every tiny detail from the recording with untouched delicacy.



CLASSIC MkII SC

Type:	shielded speaker cable
Conductor:	2 x 2.85 mm ² (112 x 0.18 mm) multi-stranded BRC conductors
Insulation:	2-layer CAFPE®
Binding:	SASDB®
Shield:	>90% BRC braid
Jacket:	antistatic low-loss SPVC
Cover:	nylon protective sleeve
Outer diameter:	14,5 mm
Termination:	Banana/Banana and Spade/Banana with Classic V2 connectors
Available:	in standard terminated lengths
Manufactured:	Russia



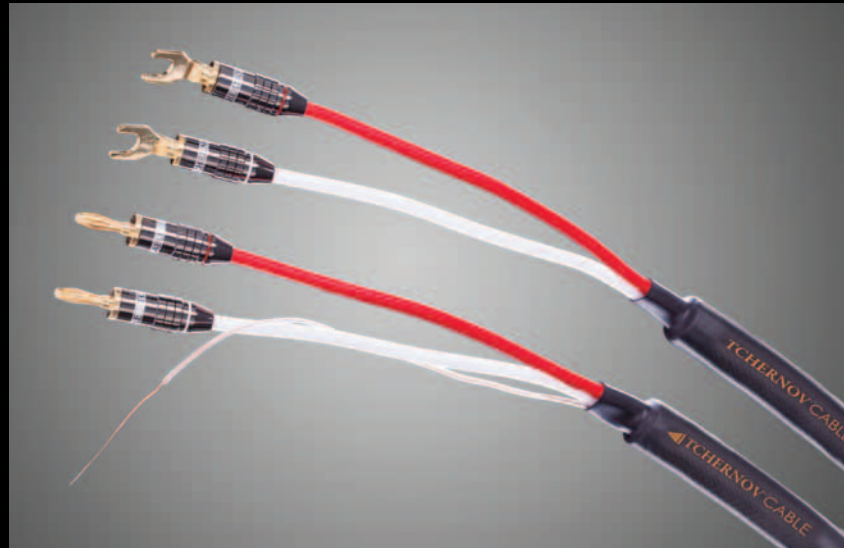
CLASSIC Bi-Wire MkII SC

Type:	shielded speaker cable
Conductor:	4 x 2.85 mm ² (112 x 0.18 mm) multi-stranded BRC conductors
Insulation:	2-layer CAFPE®
Binding:	SASDB®
Shield:	>90% BRC braid
Jacket:	antistatic low-loss SPVC
Cover:	nylon protective sleeve
Outer diameter:	16.8 mm
Termination:	Banana/Banana and Spade/Banana with Classic V2 connectors
Available:	in standard terminated lengths
Manufactured:	Russia

CLASSIC XS SPEAKER CABLE

Designed to provide a perfect partnership with the Classic XS MkII IC and distinguished by three patented technologies (SATI®, Cable-Core with FTDA® and X-Shield®), the Classic XS SC stands apart from the rest of the Classic family and bridges the gap to the higher Reference range. X-Shield® with its multi-element interactive sandwich construction ensures effective EMI

protection while retaining impressive flexibility. An integral multi-stranded BRC drain wire reduces the contact noise in the shield structure and provides constant shield impedance at the lowest levels. Our top Classic speaker cable offers less sonic trade-offs, especially when it comes to the fine detail retrieval. The bass definition from the lowest bottom is truly sensational!



CLASSIC XS SC

Type:	High End shielded speaker cable
Conductor:	2 x 4.00 mm ² (77 x 0.26 mm) multi-stranded BRC conductors
Insulation:	SATI®
Damping:	Cable-Core with FTDA® technology
Binding:	SDB
Shield:	X-Shield® with an integral multi-stranded BRC drain wire
Jacket:	antistatic low-loss SPVC
Cover:	nylon protective sleeve
Outer diameter:	18.5 mm
Termination:	Banana/Banana and Spade/Banana with Classic V2 connectors
Available:	in standard terminated lengths
Manufactured:	Russia

CLASSIC XS MkII

AC POWER CABLE

Now with the enlarged 3.00 mm² BRC conductors featuring SASDB® binding, enhanced X-Shield® and the new sophisticated Classic V2 AC plugs with a rose gold plated copper contact group. The second generation of our best-selling power cable has been entirely redesigned to provide loss-free power transmission (100-240V AC, 50/60 Hz) for all modern high-power High End AV components.

The new multi-stranded BRC conductors with a cross section augmented by 20% over its predecessors, minimizes the overall active resistance and ensures efficient power delivery without any noticeable dynamic range limitations. The high-precision Multiwire technology used for its woven multi-stranded arrangement ensures consistent inter-wire tension control, accurate tight weave,

perfect strand conformity and an exact round profile for precise concentric insulation. The expanded solid PE insulation combined with SASDB® binding considerably reduces cable capacitance and signal energy losses.

X-Shield® acts as an interactive sandwich with a layer of rolled BRC foil bringing more EMI protection across a wide frequency bandwidth – from ELF to SHF while drastically reducing the negative influence of multiple external interferences on the actual audio signal path and ensures less self radio emission while retaining impressive flexibility. The new Classic XS MkII AC Power is perfectly optimised for all kinds of modern AV components regardless of their design ethos and specification. It is highly recommended for sophisticated in-wall installations as well, where efficient EMI protection is a key requirement.



CLASSIC XS MkII AC POWER EUR

Type:	shielded power cable for Home AV (100-240V AC, 50/60 Hz)
Conductor:	3 x 3.00 mm ² (63 x 0.245 mm) twisted multi-stranded BRC conductors
Insulation:	solid PE
Binding:	SASDB®
Shield:	X-Shield®
Jacket:	2-layer antistatic low-loss SPVC
Cover:	nylon protective sleeve
Termination:	Classic V2 EUR AC plugs with a rose gold plated copper contact group
Outer diameter:	14.5 mm
Available:	in standard terminated lengths
Manufactured:	Russia



CLASSIC XS MkII AC POWER US

Type:	shielded power cable for Home AV (100-240V AC, 50/60 Hz)
Conductor:	3 x 3.00 mm ² (63 x 0.245 mm) twisted multi-stranded BRC conductors
Insulation:	solid PE
Binding:	SASDB®
Shield:	X-Shield®
Jacket:	2-layer antistatic low-loss SPVC
Cover:	nylon protective sleeve
Termination:	Classic V2 USA AC plugs with a rose gold plated copper contact group
Outer diameter:	14.5 mm
Available:	in standard terminated lengths
Manufactured:	Russia



REFERENCE SERIES

Now with SDB and X-Shield® SE. Inspired by the pursuit of absolute fidelity, the newly revised and upgraded Reference series is based on the company's evolving insulation and shielding concepts. Since its triumphant debut in 2005 the Reference range represents a milestone in the state-of-the-art of cable technology. Establishing their own benchmark for performance the Reference cables made Tchernov Cable brand a byword for excellence.

Our ground breaking innovations – Cable-Core with FTDA® technology and SATI® conductor insulation, at that time pioneered in the Reference cables, raised the bar of an absolutely unrivalled product range. Having decided to upgrade what was already an exceptionally

high standard, we were aware that further improvements must be significant. A substantial technological breakthrough was achieved through incorporating SDB (Standard Dielectric Binding) and X-Shield® SE.

SDB has replaced a cotton tape binding used previously for FTDA® (Fiber Torsion Damping) process. The MkII models now uses a 2-layer bi-directional X-Cross PE tape that tightens a pair of conductors twisted symmetrically with 2 filling cotton cords under a definite pressure thus finishing the Cable-Core. Being a more advanced and technically accomplished solution, SDB along with SATI® individual conductor insulation boosts the supreme dielectric qualities and mechanical damping as well.

X-Shield® SE is the next generation of our patented Multi-Element Shielding System imported from the flagship Ultimate range. The 50 μ rolled BRC foil provides superior EMI suppression especially at LF, where the industrial noise is most intensive. Due to higher metal mass X-Shield® SE offers better vibration absorption and drastically reduces electro dynamic noise generated in the shield. The greatly improved shielding capability further increases the attainable dynamic range and makes the Reference cables an ideal connecting tool not only for High End AV entertainment, but for professional recording studio applications, as well as for ultra wide dynamic range sonic- and ultrasonic frequency measurement systems. Last but not least, the new gleaming top-of-

the-line Reference V2 RCA & XLR plugs as well as Spade & Banana connectors, made of 10 μ fully gold plated beryllium copper enhance the meticulous product visualization.

After a decade of continuous development and design refinements we now offer the finely tuned state-of-the-art interconnect and speaker cables with every facet of their construction carefully focused on boosting the performance. They offer breath-taking and genuinely “reference” sound. Analytic resolution with a clearly improved timbre accuracy, tonal balance, transient impact and immediacy, coupled with remarkable neutrality are entirely exemplary. With the newest Reference series Tchernov Cable has increased its lead in the class.

REFERENCE MkII

INTERCONNECT CABLES

Carefully considered design refinements have made the newest Reference MkII IC an almost ideal interconnect cable with class-leading definition, outstanding depth, transparency and vivid soundstage combined with unfailingly precise timbre reproduction and neutrality. With a 110 Ohm rated impedance the Reference MkII IC is now optimally tuned for the best analogue (RCA & XLR) and digital (AES/EBU) audio signal transmission. SDB binding along with SATI® individual conductor insulation, combined with the

enhanced X-Shield® SE boost the supreme dielectric qualities, EMI immunity and vibration damping, which we consider key influences on performance. With this in mind we used the unique thermoplastic polyurethane (TPU) Elastollan® for jacketing. Developed exclusively by BASF, it exemplifies exceptional dielectric and vibration absorbing properties. The Reference MkII IC is simply exceptional, it performs superbly with meticulous attention to every subtlety and stunning analogue accuracy.



REFERENCE MkII IC RCA

Type:	High End analogue (RCA/RCA) interconnect cable
Wave impedance:	110 Ohm
Conductor:	2 x 1.00 mm ² (19 x 0.26 mm) multi-stranded BRC conductors
Insulation:	SATI®
Damping:	Cable-Core with FTDA® technology
Binding:	SDB
Shield:	X-Shield® SE
Jacket:	thermoplastic polyurethane Elastollan®
Cover:	nylon protective sleeve
Outer diameter:	10 mm
Termination:	RCA/RCA with Reference V2 plugs
Available:	in standard terminated lengths
Manufactured:	Russia

REFERENCE MkII IC XLR

Type:	High End analogue (XLR/ XLR) interconnect cable
Wave impedance:	110 Ohm
Conductor:	2 x 1.00 mm ² (19 x 0.26 mm) multi-stranded BRC conductors
Insulation:	SATI®
Damping:	Cable-Core with FTDA® technology
Binding:	SDB
Shield:	X-Shield® SE
Jacket:	thermoplastic polyurethane Elastollan®
Cover:	nylon protective sleeve
Outer diameter:	10 mm
Termination:	XLR/XLR with Reference V2 plugs
Available:	in standard terminated lengths
Manufactured:	Russia

REFERENCE MkII IC AES/EBU

Type:	High End digital (AES/EBU) interconnect cable
Wave impedance:	110 Ohm
Conductor:	2 x 1.00 mm ² (19 x 0.26 mm) multi-stranded BRC conductors
Insulation:	SATI®
Damping:	Cable-Core with FTDA® technology
Binding:	SDB
Shield:	X-Shield® SE
Jacket:	thermoplastic polyurethane Elastollan®
Cover:	nylon protective sleeve
Outer diameter:	10 mm
Termination:	AES/EBU with Reference V2 plugs
Available:	in standard terminated lengths
Manufactured:	Russia

REFERENCE SUB INTERCONNECT CABLES

The new Reference Sub IC is our top-of-the-range subwoofer interconnect cable, dedicated to all kinds of analogue (RCA & XLR) connections. Using a high end subwoofer with the new Reference Sub IC opens up previously unheralded levels of audio performance. With its unlimited dynamic range and deeply extended LF bandwidth the Reference Sub IC just helps the finest subs on the market deliver a quality of sound that was previously unobtainable.



REFERENCE SUB IC RCA

Type:	High End subwoofer interconnect cable
Wave impedance:	110 Ohm
Conductor:	2 x 1.00 mm ² (19 x 0.26 mm) multi-stranded BRC conductors
Insulation:	SATI®
Damping:	Cable-Core with FTDA® technology
Shield:	two layers of rolled BRC foil, covered by >85% copper tinsel braid
Jacket:	thermoplastic polyurethane Elastollan®
Cover:	nylon protective sleeve
Outer diameter:	10 mm
Termination:	RCA/RCA with Reference V2 plugs.
Available:	in standard terminated lengths
Manufactured:	Russia



REFERENCE SUB IC XLR

Type:	High End subwoofer interconnect cable
Wave impedance:	110 Ohm
Conductor:	2 x 1.00 mm ² (19 x 0.26 mm) multi-stranded BRC conductors
Insulation:	SATI®
Damping:	Cable-Core with FTDA® technology
Shield:	two layers of rolled BRC foil, covered by >85% copper tinsel braid
Jacket:	thermoplastic polyurethane Elastollan®
Cover:	nylon protective sleeve
Outer diameter:	10 mm
Termination:	XLR/XLR with Reference V2 plugs.
Available:	in standard terminated lengths
Manufactured:	Russia

REFERENCE USB A-B INTERCONNECT CABLE

Our new top-of-the-line Reference USB A-B IC is designed and engineered with a desire to achieve the highest musical fidelity within the framework of our proprietary class-leading insulation and shielding techniques. It allows the full utilization of the USB Audio 2.0 capabilities including the transmission of a multichannel high resolution digital audio data flow. The enlarged 0.5 mm² conductors and their advanced multi-stranded arrangement ensures less mechanical stress and lower and lower susceptibility to radio interference. The individual 3-layer CAFPE® conductor insulation with superior dielectric consistency significantly lessens the overall capacity and signal energy losses. The reinforced common shielding with copper foil and BRC braid dramatically reduces the electromagnetic radiation especially at high transmission rates as well as protecting

from external electromagnetic field influence over the digital signal data flow. Individual shielding of the signal and power conductor pairs decreases interference, eliminates transmission errors and provides noise free power for external USB devices. The further shielding evolution results in a widened frequency bandwidth and expanded dynamic range. The new Reference USB A-B IC is jacketed with a unique highly elastic thermoplastic polyurethane Elastollan® for unrivalled insulation and vibration absorption. The new Reference solid metal cased USB A-B connectors with fully gold plated beryllium copper contacts enhance shielding and further the meticulous product visualization. The Reference USB A-B IC sets new industry-leading standards for precision craftsmanship and sound quality without equal.



REFERENCE USB A-B IC

Type:	USB Audio 2.0 digital interconnect cable
Signal conductor:	2 x 0.50 mm ² (19 x 0.18 mm) multi-stranded BRC conductors
Power conductor:	2 x 0.08 mm ² (7 x 0.12 mm) multi-stranded BRC conductors
Insulation:	3-layer CAFPE®
Shielding:	each signal and power conductor pair is separately shielded by copper foil with integral multi-stranded BRC drain wire; external common shield: inner layer - copper foil, outer layer – >90% BRC braid
Jacket:	thermoplastic polyurethane (TPU) Elastollan®
Protective cover:	nylon sleeve
Outer diameter:	8 mm
Termination:	USB A-B with precision-made solid metal cased Reference connectors
Available:	in standard terminated lengths
Country of origin:	designed and engineered in Russia, manufactured in China

DIGITAL INPUTS

SPDIF

TOSLINK

AES/EBU



REFERENCE SC

This is a genuine High End speaker cable featuring enormous dynamics, amazing bass impact and extension, perfect tonality, and the ability to extract every last detail of a recording. An integral multi-stranded BRC drain wire reduces the contact noise in the multi-element shield and

provides constant shield impedance at the lowest levels. The Reference SC is jacketed with a 2-layer combination of a low-loss SPVC and thermoplastic polyurethane (TPU) Elastollan® for enhanced insulation and vibration absorption. It is fitted with the stylish Reference Banana & Spade connectors.



REFERENCE SC

Type:	High End shielded speaker cable
Conductor:	2 x 5.50 mm ² (105 x 0.26 mm) multi-stranded BRC conductors
Insulation:	SATI®
Damping:	Cable-Core with FTDA®
Multi-element shield:	two layers of rolled BRC foil, covered by >85% copper tinsel braid with an integral multi-stranded BRC drain wire
Jacket:	2-layer: SPVC/Elastollan®
Cover:	nylon protective sleeve
Outer diameter:	25.2 mm
Termination:	Banana/Banana and Spade/Banana with Reference connectors
Available:	in standard terminated lengths
Manufactured:	Russia

REFERENCE AC POWER

The newly released new flagship power cable for Home Audio and AV – the Reference AC Power is designed around totally specific DSC (Distributed Symmetric Conductor) technology. The defining feature is that the electric energy transmission is carried out by two lines that consist of three similar conductors, configured around a central grounding conductor in a hexagonal arrangement (1+6) with an extremely efficient packing factor. The phase (L) and neutral (N) conductors are aligned in an alternating ring circuit. This structural topology enables the highest possible group wave speed, providing significant EMI reduction and good noise immunity up to 20-40dB compared to an ordinary 3-conductor topology. Low irradiation energy losses determine low and stable impedance in a wider frequency range from DC to tens of MHz and guarantee near-to-ideal energy transmission from power source to power consumer in a relatively compact outer diameter for an easy and aesthetically pleasing alternative to

a conventional AC power cord. SASDB® binding along with SATI® individual conductor insulation boosts the exceptional dielectric qualities. The comprehensive shielding capabilities of the X-Shield® SE (Super Efficiency) – the next generation of our patented Multi-Element Shielding System drastically expand the attainable dynamic range. With regards to vibration damping, a key influence on performance, we have used the unique thermoplastic polyurethane (TPU) Elastollan® for jacketing. Developed exclusively by BASF, it possesses exceptional dielectric and vibration absorbing attributes. The new top-of-the-range Reference AC plugs with a gold plated beryllium copper contact group improves the loss-free electric energy flow and completes the meticulous product visualization. When fitted with the new Reference AC Power cables any audio system becomes harmonized and will possess unsurpassed definition, cohesive soundstaging and amazing musical loftiness.



REFERENCE AC POWER EUR

Type:	shielded High End power cable for Home AV (100-240V AC, 50/60 Hz)
Conductor:	DSC configured 3 x 1.50 mm ² (28 x 0.26 mm) + 3 x 1.50 mm ² (28 x 0.26 mm) + 1 x 1.50 mm ² (28 x 0.26 mm) multi-stranded BRC conductors
Insulation:	SATI®
Binding:	SASDB®
Shield:	X-Shield® SE
Jacket:	2-layer Elastollan®
Cover:	nylon protective sleeve
Outer diameter:	16 mm
Termination:	Reference EUR AC plugs with a gold plated beryllium copper contact group in standard terminated lengths
Available:	
Manufactured:	Russia



REFERENCE AC POWER US

Type:	shielded High End power cable for Home AV (100-240V AC, 50/60 Hz)
Conductor:	DSC configured 3 x 1.50 mm ² (28 x 0.26 mm) + 3 x 1.50 mm ² (28 x 0.26 mm) + 1 x 1.50 mm ² (28 x 0.26 mm) multi-stranded BRC conductors
Insulation:	SATI®
Binding:	SASDB®
Shield:	X-Shield® SE
Jacket:	2-layer Elastollan®
Cover:	nylon protective sleeve
Outer diameter:	16 mm
Termination:	Reference USA AC plugs with a gold plated beryllium copper contact group in standard terminated lengths
Available:	
Manufactured:	Russia

ULTIMATE SERIES

The Ultimate series is the culmination of our continued efforts to redefine the state-of-the-art in cable design. Our newest flagship cables are the best we ever produced and probably the finest audio cables available today. Designed and carefully handcrafted for the most demanding High End enthusiasts they drive the industry to a previously unimagined level. With every worthwhile feature that is implemented to the utmost of our abilities Ultimate opens the gateway to an esoteric world of details that are usually barely perceptible. The unmatched list of materials used reflect our relentless quest for absolute excellence over the past 15 years.

The Ultimate cables not only have all the outstanding attributes of the highly acclaimed Reference counterparts, but several new design breakthroughs have been incorporated. The main distinction is the newest BRC+ copper wire, which the conductor is woven from. This superb copper

with unsurpassed impurity ratios, especially for the elements with semiconductor properties like tin (Sn) <0.00002%, germanium (Ge) <0.00002%, antimony (Sb) <0.00004%, arsenic (As) <0.00003%, cadmium (Cd) <0.00003%, and oxygen (O) <0.00024%, effortlessly outperforms the original BRC creating one of the most revelatory musical experiences ever reproduced by means of electronics. However, due to the extremely high production cost it is used only in the Ultimate series at present.

The field of dielectrics has a great potential for further improvements in resolution. We rethought the conductor insulation/binding arrangement maximizing their parameters through the use of a complex SATI®/SASDB® assembly. Such a radical solution steps down the common-mode component distributed capacitance thus manifesting itself as desensitizing the cable to HF and UHF noise

and reducing signal energy losses. Moreover, it improves vibration damping of the conductor, exceeding that of the Reference series, and decreases the electrodynamic noise to undetectable levels.

Ultimate cables are the first to be engineered with X-Shield® SE (Super Efficiency) – the next generation of our patented Multi-Element Shielding System. It is a 4-layer interactive sandwich, where a >60% BRC braid is enclosed by two layers of solid 50 μ rolled BRC foil. Heavy foil provides better EMI suppression at LF, where industrial noise is most intensive. Due to higher metal mass the SE edition offers superior vibration absorption and drastically reduces electrodynamic noise generated in the shield. Furthermore, the additional outer layer of >85% silver tinsel braid improves the HF-UHF noise protection. The comprehensive shielding capabilities expand the attainable dynamic range.

The new gleaming top-of-the-line Ultimate RCA & XLR plugs along with Spade & Banana connectors, made of fully rhodium plated beryllium copper completes our meticulous product visualization. Rhodium is chosen for its extreme hardness. The coating serves to protect the beryllium copper pin's surface from deformation and homogeneity disturbance which can cause non-linear or high resistive local zones. Rhodium is noted for its proven neutrality and more detailed, articulated performance.

Unrestricted dynamics along with awesome scale resolution maintained throughout the entire frequency range translates to fascinating timbre, enormous physicality and fabulous uncompromised transparency. We cannot name a single competitor at any price which is clearly superior. But the final proof lies in listening, of course. The Ultimate is a priceless investment to a lifetime of audio excitement. Enjoy the music!

ULTIMATE INTERCONNECT CABLES

With every worthwhile feature implemented to the utmost of our abilities to date the Ultimate IC is probably the finest analogue interconnect cable on the market. Targeting the most demanding High End enthusiasts it focuses entirely on the emotional core of the music reproduction. An exactly thought-out construction is built around the latest BRC+ conductors with unsurpassed impurity ratios and is packed with our 4 patented innovations. The foremost FTDA® (Fiber Torsion Damping) technology enhances the efficient absorption of any mechanical vibration affecting the conductors by as much as 50 times and ensures the widest possible dynamic range. A complex SATI®/SASDB® assembly steps down the common-mode component distributed capacitance thus manifesting itself as desensitizing the cable to HF and UHF noise and reducing signal energy

losses. Moreover, it improves vibration damping of the conductor and decreases the electrodynamic noise to undetectable levels. Unsurpassed EMI immunity derives from the X-Shield® SE – the next generation of our famous Multi-Element Shielding System. With regards to vibration damping, a key influence on performance, we used the unique thermoplastic polyurethane (TPU) Elastollan® for jacketing. Developed exclusively by BASF, it possesses exceptional dielectric and vibration absorbing attributes. The Ultimate IC exceeds its highly acclaimed Reference MkII IC counterpart primarily in fine definition. It creates a revelatory musical performance, opening the gateway to a fascinating world of the tiniest subtleties and musical emotions that are usually barely perceptible.



ULTIMATE IC RCA

Type:	High End analogue (RCA /RCA) interconnect cable
Wave impedance:	110 Ohm
Conductor:	2 x 1.00 mm ² (19 x 0.26 mm) multi-stranded BRC+ conductors
Insulation:	SATI®
Damping:	Cable-Core with FTDA® technology
Binding:	SASDB®
Shield:	X-Shield® SE
Jacket:	thermoplastic polyurethane Elastollan®
Cover:	nylon protective sleeve
Outer diameter:	10 mm
Termination:	RCA/RCA with rhodium plated Ultimate plugs
Available:	in standard terminated lengths
Manufactured:	Russia



ULTIMATE IC XLR

Type:	High End analogue (XLR/ XLR) interconnect cable
Wave impedance:	110 Ohm
Conductor:	2 x 1.00 mm ² (19 x 0.26 mm) multi-stranded BRC+ conductors
Insulation:	SATI®
Damping:	Cable-Core with FTDA® technology
Binding:	SASDB®
Shield:	X-Shield® SE
Jacket:	thermoplastic polyurethane Elastollan®
Cover:	nylon protective sleeve
Outer diameter:	10 mm
Termination:	XLR/XLR with rhodium plated Ultimate plugs
Available:	in standard terminated lengths
Manufactured:	Russia



ULTIMATE IC AES/EBU INTERCONNECT CABLE

This is our top-of-the-line digital symmetrical interconnect and probably the finest example on the market. With perfectly matched 110 Ohm wave impedance it is suited for all kinds of High End digital data transfer via a balanced AES/EBU interface. The intensively researched construction is built around the latest BRC+ conductors with unsurpassed impurity ratios. A complex SATI®/SASDB® insulation/binding assembly steps down the common-mode component distributed capacitance which manifests itself as desensitizing the cable to HF and UHF noise and reducing signal energy losses. Moreover, it improves vibration damping of the conductor and

decreases the electrodynamic noise to undetectable levels. Unsurpassed EMI immunity derived from the X-Shield® SE eliminates the roots of noise-correlated jitter and contributes to accurate transmission of the time scale and shape of the digital pulse. Developed for the most demanding High End enthusiasts the Ultimate IC AES/EBU focuses right at the emotional core of the music reproduction. It creates a revelatory musical performance, opening the gateway to an extraordinary experience of the tiniest subtleties and musical emotions that are usually barely perceptible.



ULTIMATE IC AES/EBU

Type:	High End digital symmetrical interconnect cable for AES/EBU
Wave impedance:	110 Ohm
Conductor:	2 x 1.00 mm ² (19 x 0.26 mm) multi-stranded BRC+ conductors
Insulation:	SATI®
Conductor damping:	FTDA® technology within the Cable-Core
Dielectric binding:	SASDB®
Shield:	X-Shield® SE
Jacket:	thermoplastic polyurethane (TPU) Elastollan®
Protective cover:	nylon sleeve
Outer diameter:	10 mm
Termination:	AES/EBU with rhodium plated Ultimate plugs
Available:	in standard terminated lengths
Country of origin:	made in Russia

ULTIMATE IC S/PDIF INTERCONNECT CABLE

This is the pinnacle in our coaxial design evolution and probably the finest digital interconnect in its class. With perfectly matched 75 Ohm wave impedance our new top-of-the-range coaxial cable is suited for all kinds of High End digital data transfer through S/PDIF. The exactly calculated construction is built around the latest BRC+ conductor and the state of the art infinite SATI® insulation, comprised of multiple layers of porous PTFE tapes. Unlike thermal overlaying, SATI® preserves the porous semi-air structure of the PTFE tape, which significantly decreases the relative permittivity and signal energy losses within the dielectric. Cold tape overlaying

avoids thermal stress to the conductor and eliminates copper recrystallization resulting in class leading levels of electrical conductivity and structural uniformity. Moreover, it improves the vibration damping of the conductor and reduces the electrodynamic noise to undetectable levels. Unsurpassed EMI immunity derived from the X-Shield® SE eliminates the origins of noise-correlated jitter and contributes to accurate transmission of digital pulse's time scale and shape. The Ultimate IC S/PDIF creates a thrilling musical performance with a breath-taking transparency and definition, where the tiniest subtleties that are usually barely perceptible open up.



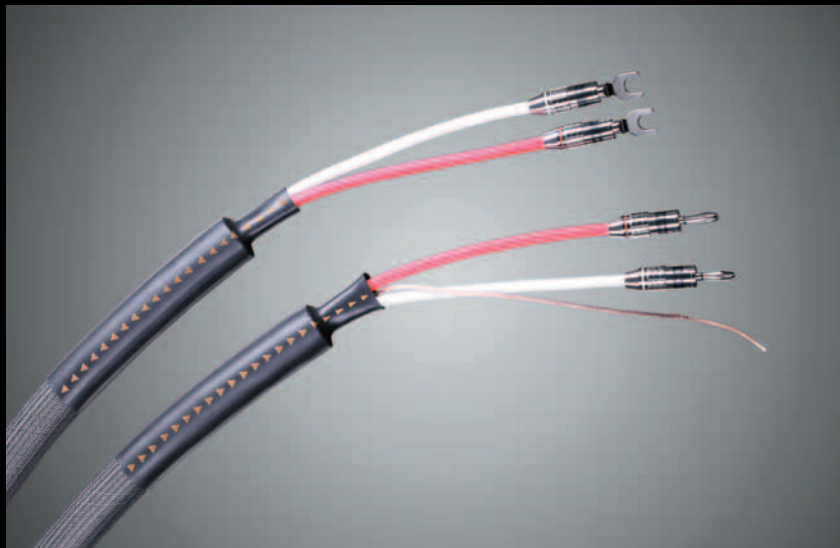
ULTIMATE IC S/PDIF

Type:	High End digital coaxial interconnect cable for S/PDIF
Wave impedance:	75 Ohm
Conductor:	1.00 mm ² (19 x 0.26 mm) multi-stranded BRC+ conductor
Insulation & damping:	infinite SATI®
Shield:	X-Shield® SE
Jacket:	thermoplastic polyurethane (TPU) Elastollan®
Protective cover:	nylon sleeve
Outer diameter:	10 mm
Termination:	RCA/RCA with rhodium plated Ultimate plugs
Available:	in standard terminated lengths
Country of origin:	made in Russia

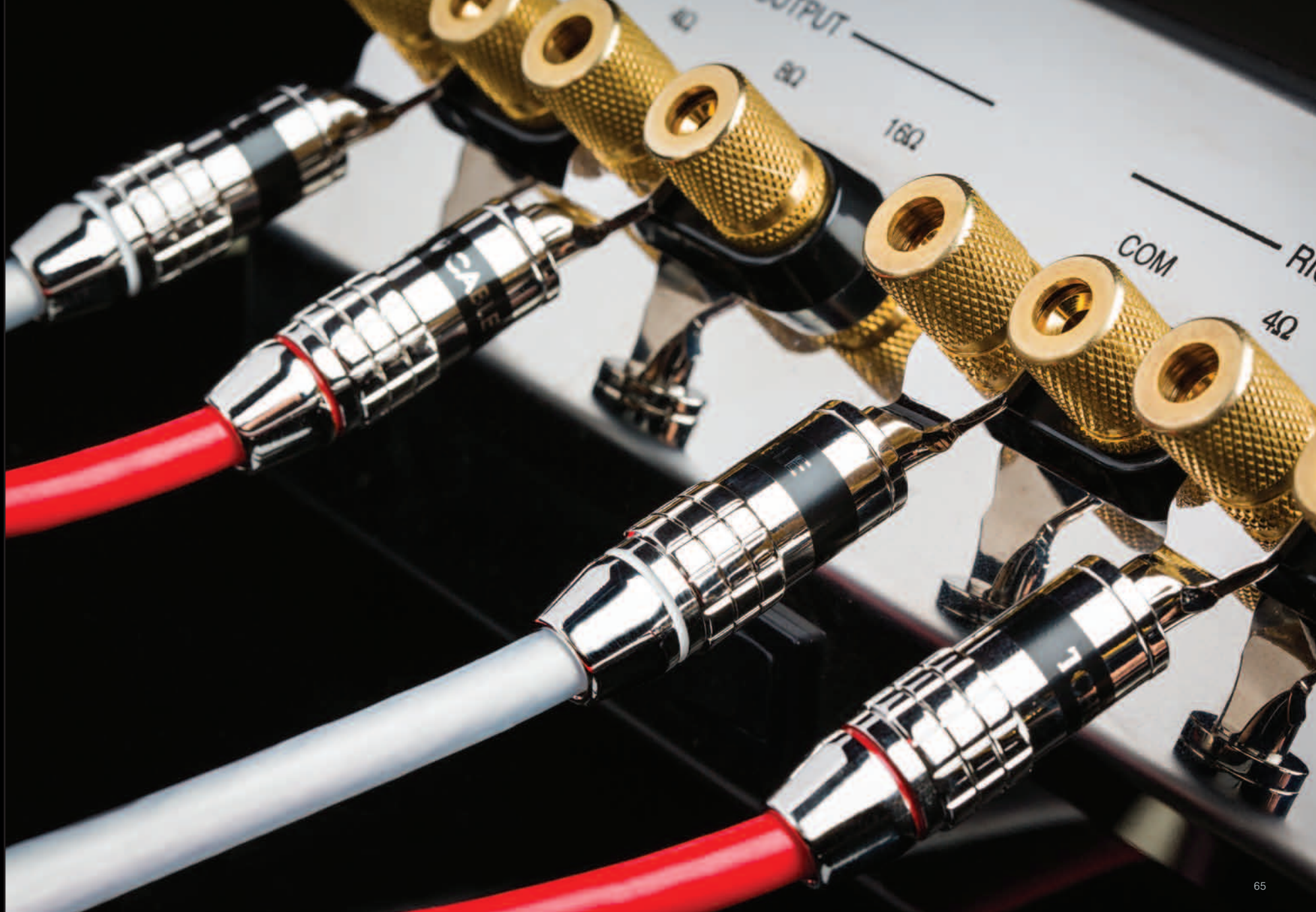
ULTIMATE SC

Our new flagship speaker cable is full of radical design breakthroughs, aimed at maximizing an emotional appeal. The latest BRC+ conductors with the unsurpassed impurity ratios together with a complex SATI®/SASDB® insulation/binding arrangement step up the overall resolution to a previously unattainable level. X-Shield® SE (Super Efficiency) – the next generation of our patented Multi-Element Shielding System enhances EMI suppression in the wide frequency bandwidth from ELF to SHF thus expanding the dynamic range. An integral multi-stranded BRC drain wire reduces the contact

noise in the shield and provides constant shield impedance at the lowest levels. The Ultimate SC is jacketed with a 2-layer combination of a low-loss SPVC and a thermoplastic polyurethane (TPU) Elastollan® for the class-leading insulation and vibration absorption. With its every facet executed to the utmost of our today abilities, the Ultimate SC performs with unlimited dynamics, awesome scale resolution, fascinating timbre, enormous physicality and fabulous transparency. It perfectly suits all kinds of modern speakers and amplifiers regardless of their design concepts and specs.

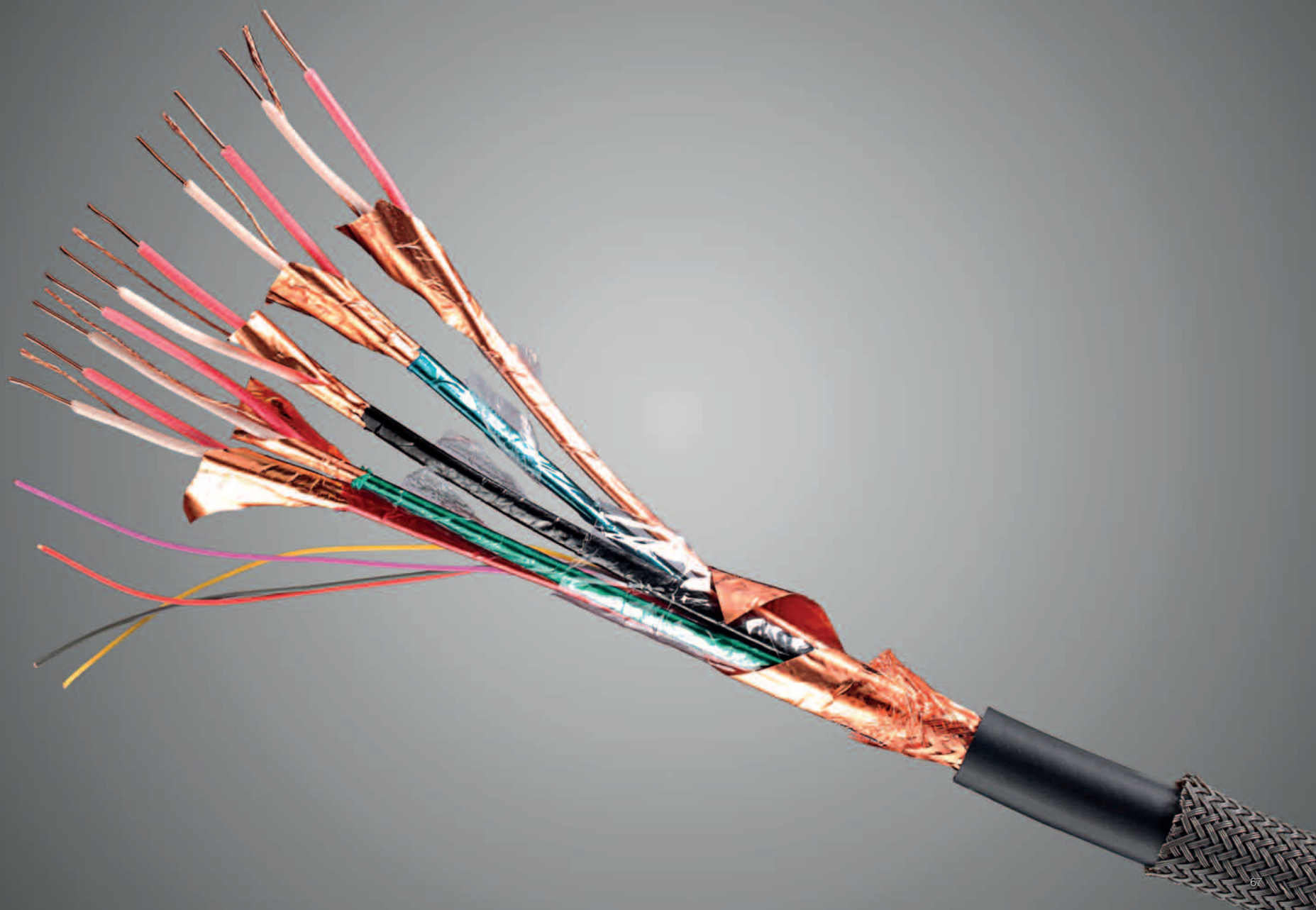


Type:	Shielded High End speaker cable
Conductor:	2 x 5.50 mm ² (105 x 0.26 mm) multi-stranded BRC+ conductors
Insulation:	SATI®
Damping:	Cable-Core with FTDA® technology.
Binding:	SASDB®
Shield:	X-Shield® SE with an integral multi-stranded BRC drain wire
Jacket:	2-layer: low-loss SPVC/Elastollan®
Cover:	nylon protective sleeve
Outer diameter:	24.5 mm
Termination:	Banana/Banana and Spade/Banana with Ultimate connectors
Available:	in standard terminated lengths
Manufactured:	Russia



PRO INSTALL SERIES

The Pro Install series cables are developed and perfectly tuned for all kinds of use by professional Home Audio & AV entertainment installers. The range includes the newly released all-weather speaker cables Pro 4 SC & Pro 6 SC, the universal Mounting wire, intended for internal speaker and amplifier wiring, as well as HDMI 1.4E and RF 75 IC (RG6) cable for capital installations.



PRO 4 SC & PRO 6 SC

PROFESSIONAL SPEAKER CABLES

We developed the new all-weather Pro 4 SC & Pro 6 SC speaker cables for extensive long distance cabling. They are built around parallel multi-stranded BRC conductors in a common low-loss NPVC jacket. The BRC conductors in two widely used sizes: 4.00 mm² and 6.00 mm² are woven using the advanced Multiwire technology with high-precision consistent inter-wire tension control, accurate tight weave, perfect strand conformity and precise insulation overlaying. The insulating jacket is constructed of a non-colored transparent Russian made low-loss NPVC (Neutral PVC)

with unrivalled dielectric properties that go beyond those of competitors. Widely used in various medical equipment for its neutral formula, NPVC offers improved elasticity, high mechanic vibration and acoustic noise protection, as well as excellent resistance to abrasions, tears, temperature fluctuations, sea water and aggressive chemical effects. Exceptional flexibility derived from the streamlined non-round jacket profile and the Multiwire conductor arrangement simplifies cable installation even in hard to reach trunking and cable management systems where space is at a premium.



PRO 4 SC

Type:	all-weather speaker cable for extensive long distance cabling
Conductor:	4.00 mm ² multi-stranded BRC conductor
Jacket:	low-loss NPVC (Neutral PVC)
Outer diameter:	5 x 10 mm
Available:	in bulks
Manufactured:	Belarus



PRO 6 SC

Type:	all-weather speaker cable for extensive long distance cabling
Conductor:	6.00 mm ² multi-stranded BRC conductor
Jacket:	low-loss NPVC (Neutral PVC)
Outer diameter:	6 x 11 mm
Available:	in bulks
Manufactured:	Belarus



HDMI 1.4 E IC

High speed HDMI 1.4E interconnect with Ethernet was designed for error free HD 1080p and Ultra HD (4K) video transmission in extended lengths of up to 20 m and even longer without any signal amplifier or repeater requirement. Extremely high total TMDS throughput (more than 12Gb/s) and low losses ensure a full HD 1080p signal is precisely transmitted without single pixel error or noticeable masking issues! With a rated 100 Ohm wave impedance it is based around 5 pairs of solid 0.258 mm² BRC conductors and 7 service multi-stranded BRC conductors. Each conductor pair is individually shielded by copper foiled PET with integral multi-stranded BRC drain wire and then all pairs are bound together by PET tape. The extremely high EMI immunity is achieved by a common double shield.

Type:	High speed HDMI 1.4E interconnect cable with Ethernet
Wave impedance:	100 Ohm
Conductor:	5 pairs of solid 0.258 mm ² BRC conductors and 7 service multi-stranded BRC conductors
Insulation:	3-layer CAFPE®
Shield:	Each conductor pair is individually shielded by copper foiled PET with integral multi-stranded BRC drain wire
Common shield:	inner layer – copper foiled PET, outer layer – >80% BRC braid
Jacket:	antistatic low-loss SPVC
Cover:	nylon protective sleeve
Outer diameter:	11.3 mm
Available:	in standard terminated lengths
Manufactured:	China



RF 75 IC

Developed to provide the very best RG6 installation possible, the RF 75 IC is a coaxial antenna cable with a 75 Ohm rated impedance. It is capable of more than 4GHz signal bandwidth with less than 0.1dB/m losses at 1GHz, and is therefore suitable to transmit the satellite and cable TV signals at extreme lengths up to hundreds of meters without any significant attenuation. Large-scale solid 1.00 mm² BRC conductor, insulated by a 3-layer CAFPE, ensures an outstandingly wide bandwidth, small and stable signal dispersion, normalized time delay, minimal losses and excellent mechanical and climate durability. Incredible clarity and depth, detailed natural colour gamut and exceptional white balance reproduction can be easily detected every time you switch on your TV. The unique RF 75 IC attributes make it suitable not only for home AV entertainment but for professional applications and scientific equipment as well.

Type:	RF coaxial antenna cable (RG6)
Wave impedance:	75 Ohm
Conductor:	solid BRC conductor 1,00 mm ²
Insulation:	3-layer CAFPE®
Shield:	2-layer: inner layer – copper foiled PET, outer layer – >90% BRC braid
Jacket:	thermoplastic polyurethane Elastollan®
Outer diameter:	6.8 mm
Available:	on spools
Manufactured:	Russia



MOUNTING WIRE

Built around a single 2.13 mm² multi-stranded BRC conductor, insulated by antistatic low-loss SPVC, the Mounting wire is designed mainly for speaker and amplifier internal wiring or for various Car Audio component speaker system connections where space is at a premium. The BRC conductor is woven using the advanced Multiwire technology with high-precision consistent inter-wire tension control, accurate tight weave, perfect strand conformity and an exact round profile for a precise concentric insulation. Flexibility, small diameter and extremely competitive pricing are the key advantages of this outstanding product.

Type:	mounting wire for speaker and amplifier internal wiring
Conductor:	2.13 mm ² (84 x 0.18 mm) multi-stranded BRC conductor
Jacket:	antistatic low-loss SPVC
Outer diameter:	3.8 mm
Available:	on spools
Manufactured:	Russia

Tchernov Cable products are technically unique and bring obvious improvements, when it comes to connecting audio and video. The benefits speak for themselves: stunning dynamics, extended frequency range, accurate timbre and beautiful tonal balance, unsurpassed transparency, deep and natural colours. Against a backdrop of an

increasing amount of production being carried out in China, we are proud to offer products, designed, engineered and manufactured almost entirely in Russia. Customers all over the world enjoy our products when they realise how much of their equipment's potential they can release. There is an amazing "Difference to Discover"!



tchernovcable.com

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