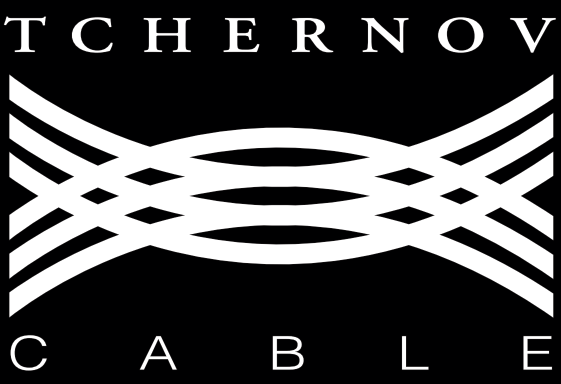


2018

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 16 years. 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 “MUSICAL FIDELITY”

This viewpoint is what drives the Tchernov Cable team to create its products. We strive to capture the unique timbre of musical 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. Unparalleled musical fidelity is 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 musical fidelity 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 scrupulous execution 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 16 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 in the High End audio-video industry.

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 AV 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 construction 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.

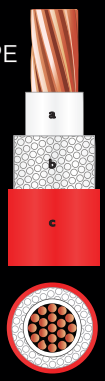
CAFPE®

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

3-layer CAFPE® (CombinedAir-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

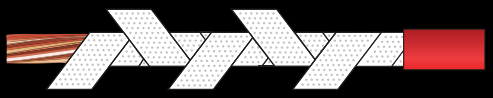
SATI®

Semi-Air Tape Insulation – SATI® (Patent RU No.124832U) 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)

5X-Cross porous PTFE tape insulation

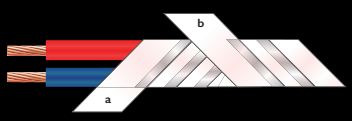
5X-Cross PTFE-SPE tape, overlaid with solid PE



SDB & SASDB®

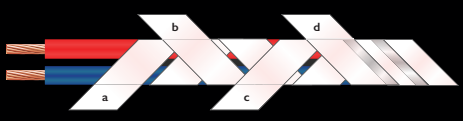
In Tchernov cables, dielectric binding is specially applied over the twisted insulated conductors. Besides individual conductor insulation, additional binding multiplies the overall cable dielectric properties. Innovative binding technologies are what Tchernov Cable is widely renowned for. We developed 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

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)

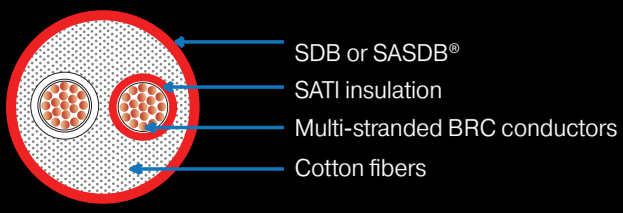


a) 1st layer winding with gap
b) 2nd layer opposite winding with gap
c) 3rd layer winding with gap
d) 4th layer opposite winding with 30% overlay

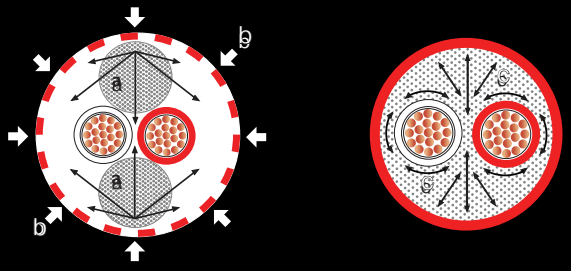
CABLE - CORE & FTDA®

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 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, patent RU No. 124834U). 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 forse by X-Cross

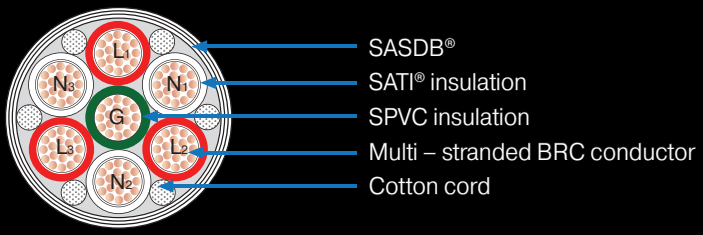
After binding
c) cotton fibers spreading in the Cable-Core

DSC

Distributed Symmetric Conductor (DSC, patent pending) was first ever introduced in our top-of-the-line power cord – 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 sable 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 + L 2 + L 3
b) Conductor N = N1 + N2 + N3
c) Conductor G = GND (ground)



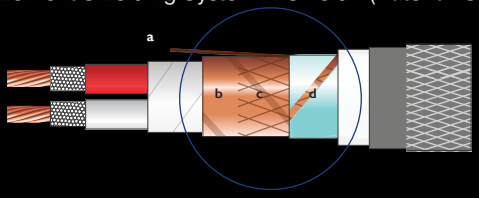
X-SHIELD® & X-SHIELD® SE

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 flagship Reference & Ultimate cables. The SE (Super Efficiency) edition is a 4-layer interactive sandwich, where a higher density (>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.

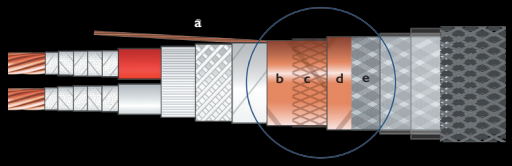
X-SHIELD® & X-SHIELD® SE

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

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 musical fidelity for both audio and video, rendering information precisely as it was recorded without added coloration and distortion.

TCHERNOV CABLES LINEUP

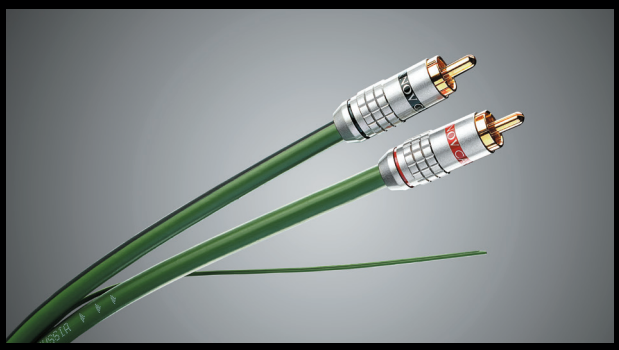
ULTIMATE	IC INTERCONNECT	SC SPEAKER CABLE	
REFERENCE	IC INTERCONNECT	SC SPEAKER CABLE	AC POWER
CLASSIC	IC INTERCONNECT	SC SPEAKER CABLE	AC POWER
SPECIAL	IC INTERCONNECT	SC SPEAKER CABLE	AC POWER
ORIGINAL	IC INTERCONNECT	SC SPEAKER CABLE	AC POWER
STANDARD	IC INTERCONNECT	SC SPEAKER CABLE	DC POWER

STANDARD SERIES

Our entry-level range still embodies the fundamental standards of design and craftsmanship Tchernov Cable team elaborated from the very outset. Standard interconnect, speaker and DC power cables are created from the rigorous selection of the finest components and advanced technologies. Suitable for basic Home Audio and various on-board 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 an apparent construction simplicity and the value of the materials used. A coaxial construction with BRC conductor and tightly braided copper 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 two types of new miniature ergonomic RCA plugs with the center pins made of high grade beryllium copper that are easy to install.



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
Country of origin:	made in Russia

STANDARD 2 IC RCA

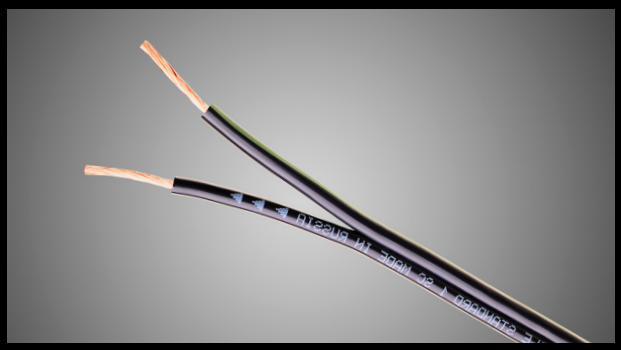
Type:	analog coaxial interconnect cable
Wave impedance:	75 Ohm
Conductror:	0.50 mm² (19 x 0.18 mm) multi-stranded BRC conductor
Insulation:	3-layer CAFPE®
Shield:	>90% BRC braid
Jacket:	antistatic low-loss SPVC
Outer diameter:	7 mm
Termination:	RCA/RCA with Standard 2 plug
Available:	on spools and in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

STANDARD SUB IC RCA

Type:	subwoofer interconnect cable
Wave impedance:	75 Ohm
Conductror:	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
Protective cover:	nylon sleeve
Outer diameter:	8 mm
Termination:	RCA/RCA with Special V2 plug
Available:	in standard RCA terminated lengths
Country of origin:	made in Russia

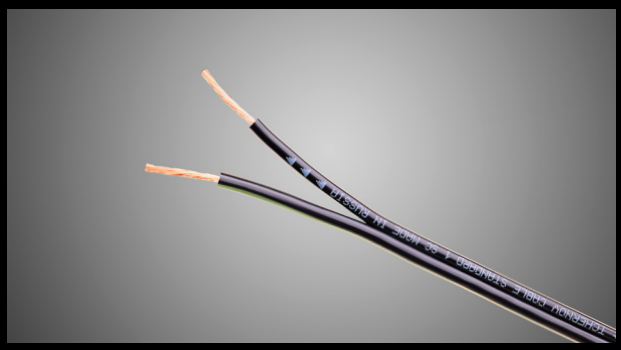
STANDARD SPEAKER CABLES

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.



STANDARD 1 SC

Type:	speaker cable with parallel conductors
Conductror:	multi-stranded BRC conductors: 2 x 1.0 mm² (40 x 0.18 mm)
Insulation:	antistatic low-loss SPVC
Outer dimensions:	3 x 6 mm
Available:	on spools
Country of origin:	made in Russia

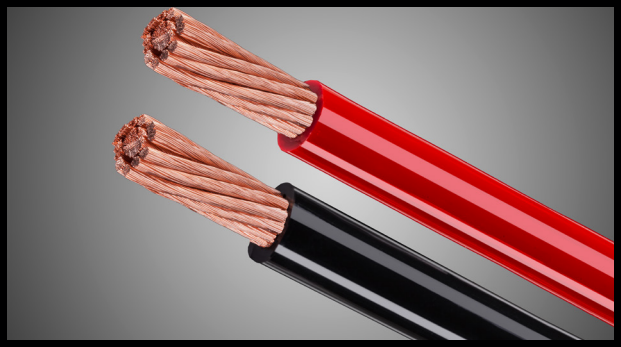


STANDARD 2 SC

Type:	speaker cable with parallel conductors
Conductror:	multi-stranded BRC conductors: 2 x 2.0 mm² (80 x 0.18 mm)
Insulation:	antistatic low-loss SPVC
Outer dimensions:	4 x 8 mm
Available:	on spools
Country of origin:	made in Russia

STANDARD DC POWER CABLES

This is no doubt one of the class-leading power supply solutions to date for the sophisticated on-board audio-video set-ups. The Standard DC Power is built around a large-scale BRC conductor with improved woven multi-strand arrangement. It is available 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
Conductror:	multi-stranded BRC conductor variants: 0 AWG (53.50 mm²), 2 AWG (35.00 mm²), 4 AWG (21.50 mm²) or 8 AWG (8.50 mm²)
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)
Country of origin:	designed and engineered in Russia, manufactured in Belarus

ORIGINAL SERIES

It is a fitting embodiment of our radical approach to improve conventional designs. The Original series combines analogue and digital interconnects, speaker cables and AC power cord packed with unique conductor insulation features that result in a more substantial and authoritative sound with crisp and clean frequency edges. These cables are intended for use in a variety of highly tailored Home Audio & on-board 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

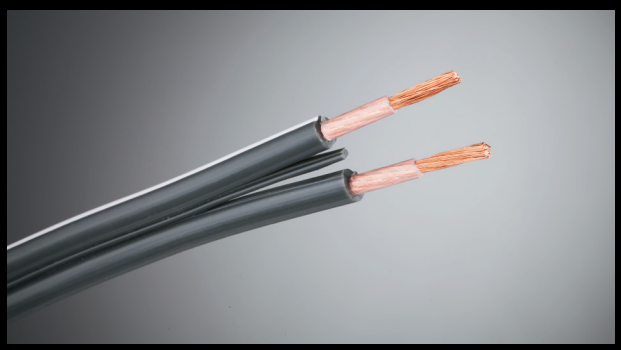
Type:	analogue coaxial interconnect cable
Wave impedance:	75 Ohm
Conductror:	0.70 mm² (19 x 0.23 mm) multi-stranded BRC conductor
Insulation:	3-layer CAFPE®
Shield:	inner layer – 25 µ rolled copper foil, outer layer – >90% BRC braid
Jacket:	antistatic low-loss SPVC
Outer diameter:	8 mm
Termination:	RCA/RCA with Special V2 plug
Available:	on spools and in standard RCA terminated lengths
Country of origin:	made in Russia

ORIGINAL IC S/PDIF

Type:	digital coaxial interconnect cable for S/PDIF
Wave impedance:	75 Ohm
Conductror:	0.70 mm² (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 plug
Available:	in standard RCA terminated lengths
Country of origin:	made in Russia

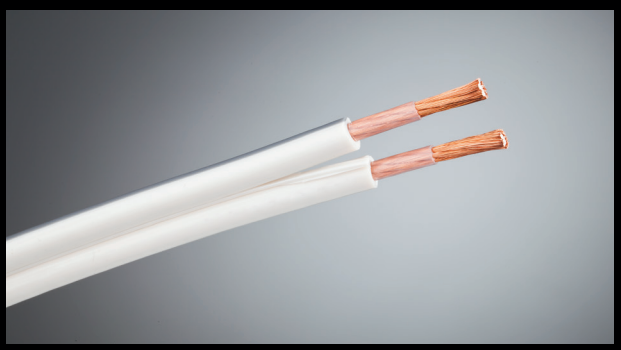
ORIGINAL SPEAKER CABLES

The Original One & Original Two speaker cables are built around traditional parallel multi-stranded BRC conductors with an additional layer of solid PE for improved individual conductor insulation. They were designed for specific installations that require extended distance cabling with higher definition and exemplary dynamics. Exceptional flexibility derived from their advanced Multiwire conductor arrangement coupled with a common streamlined no-round jacket made of high damping low-loss SPVC makes them easy and pleasure to install. With an amazing price-to-performance ratio both Original SC's easily outshine most competing products at price points far exceeding that of their own in terms of substance and overall linearity.



ORIGINAL ONE SC

Type:	speaker cable with parallel conductors
Conductror:	2 x 2.50 mm² (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
Country of origin:	made in Russia



ORIGINAL TWO SC

Type:	speaker cable with parallel conductors
Conductror:	2 x 4.00 mm² (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
Country of origin:	made in Russia

ORIGINAL AC POWER CABLE

Our most affordable 100-240V AC, 50/60 Hz AV power cord was designed to provide a considerable advance over conventional as a unit 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 Power, gains improved dynamics and increased definition.

ORIGINAL AC POWER EUR

Type:	power cord for Home AV (100-240V AC, 50/60 Hz)
Conductror:	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
Protective cover:	nylon sleeve
Termination:	IEC 60320 (C13) / CEE 7/7 Original AC connectors with gold plated brass contact groups for EUR/USA mains variants
Outer diameter:	10 mm
Available:	on spools and in standard terminated lengths
Country of origin:	made in Russia

ORIGINAL AC POWER US

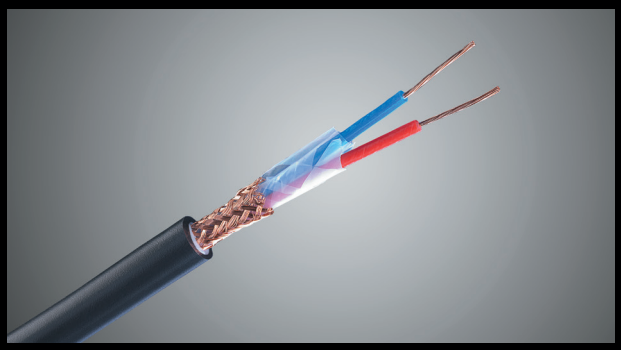
Type:	power cord for Home AV (100-240V AC, 50/60 Hz)
Conductror:	3 x 2.50 mm² (56 x 0.26 mm) twisted multi-stranded BRC conductors
Insulation:	solid PE
Jacket:	2-layer antistatic low-loss SPVC
Protective cover:	nylon sleeve
Termination:	US Type Original AC connectors with gold plated brass contact groups for EUR/USA mains variants
Outer diameter:	10 mm
Available:	on spools and in standard terminated lengths
Country of origin:	made in Russia

SPECIAL SERIES

What's so special about this completely revised series? It's our most affordable range of contemporary highly versatile slim shaped cables that blend symmetrical design with ground-breaking innovations, imported from our higher ranges: 2-layer CAFPE®, Standard Dielectric Binding SDB and the X-Shield® (Patent RU No.124837U) EMI protection system. The innovative conductor insulation, binding and shielding methods are a great step forward over the same class competition. 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 cables and an AC power cord.

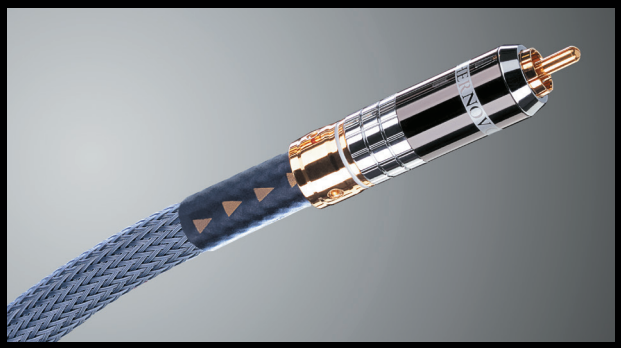
SPECIAL INTERCONNECT CABLES

A lot of design refinements were cleverly incorporated in scaled down dimensions to meet the demand for a modern slim factor hi-tech interconnect. The major evolution is the revised individual 2-layer CAFPE® conductor insulation with the extended thickness of the inner air-foamed PE and outer solid PE layers, as well as the extra Standard Dielectric Binding – SDB. Such an insulation/binding solution results in a previously unattainable dielectric consistency and significant reductions in the overall capacity and signal energy losses. The Special MkII IC & Special XS MkII IC are fitted with the compact precision-made Special V2 RCA plug with the centre pin made of high grade 5 µ gold plated beryllium copper. They have the distinction of being superb all-round performers with an obvious resemblance to their famed Classic counterparts just at a fraction of the price.



SPECIAL MkII IC

Type:	analogue symmetrical interconnect cable
Conductor:	2 x 0.35 mm² (7 x 0.265 mm) twisted multi-stranded BRC conductors
Insulation:	2-layer CAFPE®
Dielectric binding:	SDB
Shield:	>90% BRC braid
Jacket:	antistatic low-loss SPVC
Outer diameter:	6.2 mm
Available:	on spools and in standard RCA terminated lengths
Country of origin:	made in 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®
Dielectric binding:	SDB
Shield:	>90% BRC braid
Jacket:	antistatic low-loss SPVC
Protective cover:	nylon sleeve
Outer diameter:	9.60 mm
Termination:	RCA/RCA with Classic V2 plug
Available:	in standard RCA terminated lengths
Country of origin:	made in Russia

SPECIAL MkII IC RCA

Type:	analogue symmetrical interconnect cable
Conductor:	2 x 0.35 mm² (7 x 0.265 mm) twisted multi-stranded BRC conductors
Insulation:	2-layer CAFPE®
Dielectric binding:	SDB
Shield:	>90% BRC braid
Jacket:	antistatic low-loss SPVC
Outer diameter:	6.2 mm
Termination:	RCA/RCA with Special V2 plug
Available:	on spools and in standard RCA terminated lengths
Country of origin:	made in Russia

SPECIAL XS MkII INTERCONNECT CABLES

Besides the same conductor geometry and the CAFPE®/SDB insulation/binding assembly, the XS version features X-Shield® – our most advanced Multi-Element Shielding System. X-Shield® with its 3-layer interactive sandwich construction brings exceptional EMI protection across a wide frequency bandwidth – from ELF to SHF, drastically reducing the negative influence of multiple external interferences on the actual audio signal path and further improves the overall mechanical and damping properties. The finely tuned Special XS MkII IC proves to be an advanced interconnect cable that presents amazingly smooth and open midrange, well defined and extended bass register with fast and transient dynamics.

SPECIAL XS MkII IC RCA

Type:	analogue symmetrical 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®
Dielectric binding:	SDB
Shield:	X-Shield®
Jacket:	antistatic low-loss SPVC
Outer diameter:	8.5 mm
Termination:	RCA/RCA with Special V2 plug
Available:	on spools and in standard terminated lengths
Country of origin:	made in Russia

SPECIAL XS MkII IC XLR

Type:	analogue symmetrical 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®
Dielectric binding:	SDB
Shield:	X-Shield®
Jacket:	antistatic low-loss SPVC
Protective cover:	nylon sleeve
Outer diameter:	8.5 mm
Termination:	XLR/XLR with Classic V2 plug
Available:	on spools and in standard terminated lengths
Country of origin:	made in Russia

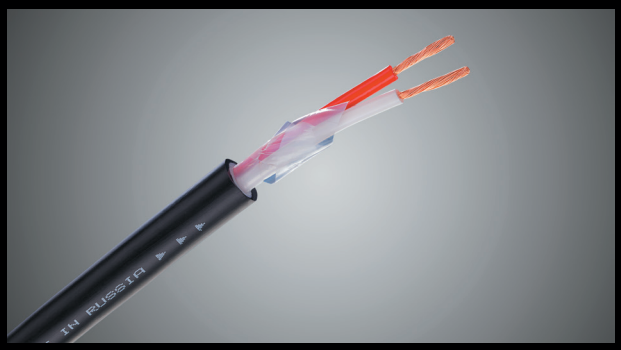
SPECIAL XS SUB IC XLR

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®
Dielectric binding:	SDB
Shield:	X-Shield®
Jacket:	antistatic low-loss SPVC
Protective cover:	nylon sleeve
Outer diameter:	9.80 mm
Termination:	XLR/XLR with Classic V2 plug
Available:	in standard terminated lengths
Country of origin:	made in Russia

SPECIAL SERIES

SPECIAL SPEAKER CABLES

This is the starting point for symmetrical design in our speaker cable line-up. A twisted conductor configuration yields crucial advantages in transparency and clarity along with increased focus and definition across all frequencies. The major innovation accomplished here is the CAFPE®/SDB conductor insulation/binding combination which boosts both dielectric and mechanical capability and significantly decreases the overall capacity and signal energy losses. All our design refinements make these speaker cables suitable for any AV environment, especially where there is a need to protect equipment from EMI.



SPECIAL SC

Type:	symmetrical speaker cable
Conductor:	2 x 2.00 mm² (80 x 0.18 mm) twisted multi-stranded BRC conductors
Insulation:	2-layer CAFPE®
Dielectric binding:	SDB
Jacket:	antistatic low-loss SPVC
Outer diameter:	11.5 mm
Available:	on spools, optional termination kits of Original banana/spade connectors on request
Country of origin:	made in Russia

SPECIAL XS SC

Type:	shielded symmetrical speaker cable
Conductor:	2 x 2.50 mm² (84 x 0.196 mm) twisted multi-stranded BRC conductors
Insulation:	2-layer CAFPE®
Dielectric binding:	SDB
Shield:	X-Shield® with an integral multi-stranded BRC drain wire
Jacket:	antistatic low-loss SPVC
Protective cover:	nylon sleeve
Outer diameter:	15.5 mm
Termination:	Banana/Banana or Spade/Banana with Original connectors
Available:	on spools and in standard terminated lengths
Country of origin:	made in Russia

SPECIAL AC POWER CABLE

This power cord 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 elasticity, hydrolytic stability and resilience, enhanced insulation and vibration absorption. It is not only suited for conventional power cable upgrades, but for dedicated in-wall power line cabling as well.

SPECIAL AC POWER EUR

Type:	power cord for Home AV (100-240V AC, 50/60 Hz)
Conductor:	3 x 2.50 mm² (56 x 0.26 mm) twisted multi-stranded BRC conductors
Insulation:	solid PE
Jacket:	thermoplastic polyurethane (TPU) Elastollan®
Protective cover:	nylon sleeve
Termination:	IEC 60320 (C13) / CEE 7/7 Original AC connectors with gold plated brass contact groups
Outer diameter:	10 mm
Available:	on spools and in standard terminated lengths
Country of origin:	made in Russia

SPECIAL AC POWER US

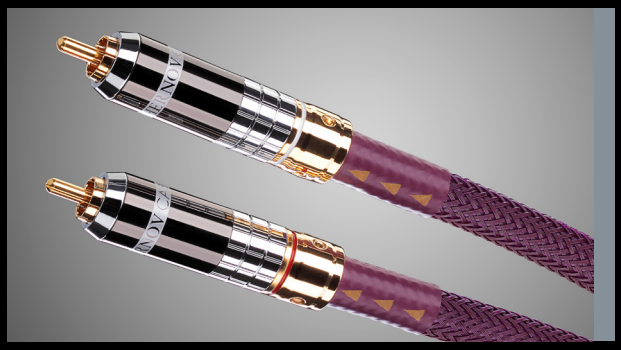
Type:	power cord for Home AV (100-240V AC, 50/60 Hz)
Conductor:	3 x 2.50 mm² (56 x 0.26 mm) twisted multi-stranded BRC conductors
Insulation:	solid PE
Jacket:	thermoplastic polyurethane (TPU) Elastollan®
Protective cover:	nylon sleeve
Termination:	US Type Original AC connectors with gold plated brass contact groups
Outer diameter:	10 mm
Available:	on spools and in standard terminated lengths
Country of origin:	made in Russia

CLASSIC SERIES

This long standing champion has always been our most significant global success. Performance and value for money are everything in modern High End. With this in mind we redesigned the range and took a chance to raise it to ever higher standards. The second generation of Classic 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, Patent RU No.144590U) is a core innovation pioneered here. Along with the 2-layer CAFPE® individual conductor insulation and the X-Shield® (Patent RU No.124837U) EMI protection system it presents 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 (AES/EBU, USB 2.0) interconnects, different types of speaker cables and the new AC power cord for Home Audio.

CLASSIC INTERCONNECT CABLES

Designed and engineered for sound conscious audiophiles, the second generation of Classic 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. The CAFPE® is overlaid with the use of high precision tooling, with the uniformity and homogeneity of each insulation layer being improved. Establishing their own benchmark for performance the new Classic IC's have made Tchernov Cable brand a byword for excellence.



CLASSIC MkII IC RCA

Type:	analogue symmetrical interconnect cable
Conductor:	2 x 0.50 mm² (19 x 0.18 mm) twisted multi-stranded BRC conductors
Insulation:	2-layer CAFPE®
Dielectric binding:	SASDB®
Shield:	>90% BRC braid
Jacket:	antistatic low-loss SPVC
Protective cover:	nylon sleeve
Outer diameter:	10 mm
Termination:	RCA/RCA with Classic V2 plugs
Available:	in standard terminated lengths
Country of origin:	made in Russia

CLASSIC MkII IC XLR

Type:	analogue symmetrical interconnect cable
Conductor:	2 x 0.50 mm² (19 x 0.18 mm) twisted multi-stranded BRC conductors
Insulation:	2-layer CAFPE®
Dielectric binding:	SASDB®
Shield:	>90% BRC braid
Jacket:	antistatic low-loss SPVC
Protective cover:	nylon sleeve
Outer diameter:	10 mm
Termination:	XLR/XLR with Classic V2 plugs
Available:	in standard terminated lengths
Country of origin:	made in Russia

CLASSIC SERIES

CLASSIC XS MkII INTERCONNECT CABLES

The new XS version effortlessly combines the enlarged 0.75 mm² multi-stranded BRC conductors with the complex CAFPE®/SASDB® insulation/binding combination similar to that of the ordinary Classic MkII IC and X-Shield®. Our patented Multi-Element Shielding System ensures efficient EMI suppression across a wide frequency range – from ELF to SHF, drastically reduces the negative influence of multiple external interferences on the actual audio signal path and further boosts the overall mechanical and damping properties. The intensive design upgrades result in a further improved full frequency range definition, soundstage presentation and real-scale imaging. In terms of performance the Classic XS MkII IC has enjoyed a startling evolutionary leap and became our most technically refined, perfectly balanced, sonically neutral interconnect for the asking price.

CLASSIC XS MkII IC RCA

Type:	analogue symmetrical interconnect cable
Wave impedance:	110 Ohm
Conductor:	2 x 0.75 mm² (19 x 0.20 mm) twisted multi-stranded BRC conductors
Insulation:	2-layer CAFPE®
Dielectric binding:	SASDB®
Shield:	X-Shield®
Jacket:	antistatic low-loss SPVC
Protective cover:	nylon sleeve
Outer diameter:	10 mm
Termination:	RCA/RCA Classic V2 plugs
Available:	in standard terminated lengths
Country of origin:	made in Russia

CLASSIC XS MkII IC XLR

Type:	analogue symmetrical interconnect cable
Wave impedance:	110 Ohm
Conductor:	2 x 0.75 mm² (19 x 0.20 mm) twisted multi-stranded BRC conductors
Insulation:	2-layer CAFPE®
Dielectric binding:	SASDB®
Shield:	X-Shield®
Jacket:	antistatic low-loss SPVC
Protective cover:	nylon sleeve
Outer diameter:	10 mm
Termination:	XLR/XLR with Classic V2 plugs
Available:	in standard terminated lengths
Country of origin:	made in Russia

CLASSIC MkII IC AES/EBU

Type:	digital symmetrical interconnect cable for AES/EBU
Wave impedance:	110 Ohm
Conductor:	2 x 0.75 mm² (19 x 0.20 mm) twisted multi-stranded BRC conductors
Insulation:	2-layer CAFPE®
Dielectric binding:	SASDB®
Shield:	X-Shield®
Jacket:	antistatic low-loss SPVC
Protective cover:	nylon sleeve
Outer diameter:	10 mm
Termination:	AES/EBU with Classic V2 plugs
Available:	in standard terminated lengths
Country of origin:	made in Russia

CLASSIC USB A-B INTERCONNECT CABLE

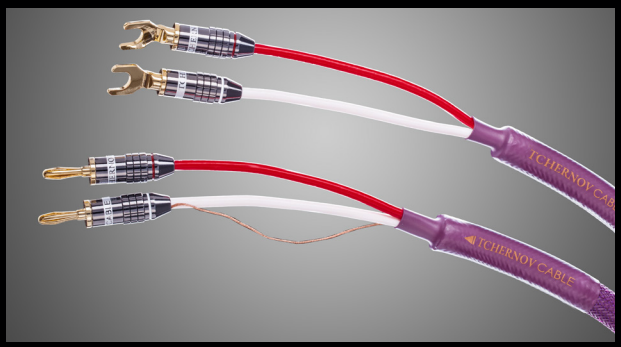
The Classic USB A-B IC allows the full utilization of the USB Audio 2.0 capabilities including the transmission of a multichannel high resolution digital audio data flow. The extremely high EMI immunity is achieved through separate shielding. The outer double shield dramatically reduces the electromagnetic radiation especially at high transmission rates and decreases the external influence over the digital signal data flow. Individual shielding of signal and power conductor pairs reduces interference, eliminates transmission errors and provides noise free power for external USB devices. Unparalleled immunity to interference transforms into improved linearity and extended dynamic range. The Classic USB A-B IC is distinguished by a surprisingly smooth and clean musical character of sound reproduction free of any associated digital fingerprint.

CLASSIC USB A-B IC

Type:	USB Audio 2.0 digital interconnect cable
Signal conductor:	2 x 0.34 mm² (7 x 0.25 mm) multi-stranded BRC conductors
Power conductor:	2x0.08mm²(7x0.12mm)multi-strandedBRCconductors
Insulation:	2-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: >80% BRC braid
Jacket:	low-loss SPVC
Protective cover:	nylon sleeve
Outer diameter:	7 mm
Termination:	USB A-B with precision-made Classic connectors
Available:	in standard terminated lengths
Country of origin:	designed and engineered in Russia, manufactured in China

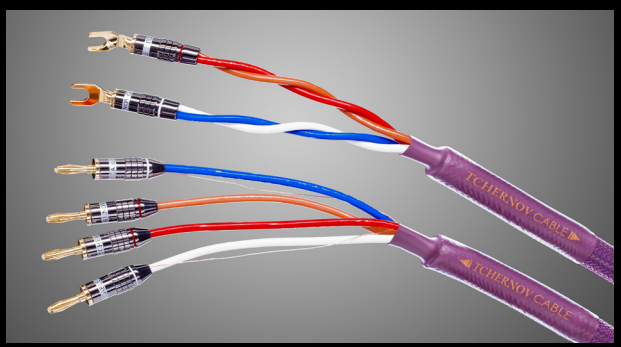
CLASSIC SPEAKER CABLES

Our most versatile 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 SC's now embody our contemporary design philosophy and feature stunning insulation, binding and vibration damping attributes. Developed for various speaker connections they far outstrip their predecessors and most of the competitors within a wide price segment including well above their own cost. Unrivalled dynamics, transparency and a potent bass impact, combined with absolute linearity and neutrality create a revelatory performance. These cables 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 symmetrical speaker cable
Conductor:	2 x 2.85 mm² (112 x 0.18 mm) multi-stranded BRC conductors
Insulation:	2-layer CAFPE®
Dielectric binding:	SASDB®
Shield:	>90% BRC braid
Jacket:	antistatic low-loss SPVC
Protective cover:	nylon sleeve
Outer diameter:	14,5 mm
Termination:	Banana/Banana or Spade/Banana with Classic V2 connectors
Available:	in standard terminated lengths
Country of origin:	made in Russia



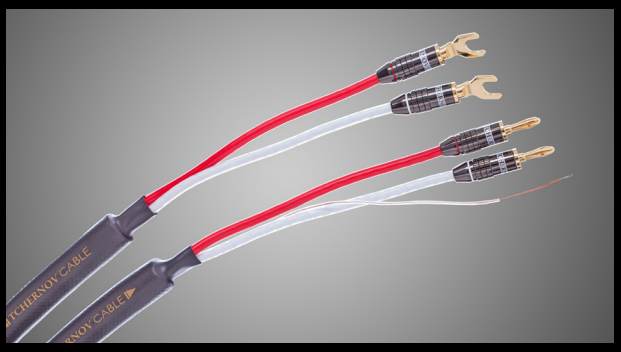
CLASSIC Bi-Wire MkII SC

Type:	shielded symmetrical speaker cable
Conductor:	4 x 2.85 mm² (112 x 0.18 mm) multi-stranded BRC conductors
Insulation:	2-layer CAFPE®
Dielectric binding:	SASDB®
Shield:	>90% BRC braid
Jacket:	antistatic low-loss SPVC
Protective cover:	nylon sleeve
Outer diameter:	16.8 mm
Termination:	Banana/Banana or Spade/Banana with Classic V2 connectors
Available:	in standard terminated lengths
Country of origin:	made in Russia

CLASSIC SERIES

CLASSIC XS SPEAKER CABLE

This genuinely revolutionary design benefits from our patented conductor damping innovation – Cable-Core with FTDA® (Patent RU No.124834U) process, which distinguishes our top-of-the-line Reference and Ultimate ranges. The foremost FTDA® (Fiber Torsion Damping) technology enhances the efficient absorption of the mechanical vibration affecting the conductors by as much as 50 times and ensures the widest possible dynamic range. Huge 4.00 mm² BRC conductors provide effortless amplifier-speaker matching.
Based on a method of cold porous non-polar dielectric tape overlaying, our most technically advanced SATI® (Patent RU No.124833U) conductor insulation ensures class-leading levels of electrical conductivity and provides a further decrease of the relative permittivity and signal energy losses. X-Shield® with its multi-element interactive sandwich construction brings effective EMI protection while retaining impressive flexibility.
The Classic XS SC stands apart from the rest of the Classic family and bridges the gap to the higher Reference range. It offers less sonic trade-offs, especially when it comes to the fine detail retrieval. The bass definition from the lowest frequencies up is truly sensational!



CLASSIC XS SC

Type:	High End shielded symmetrical speaker cable
Conductor:	2 x 4.00 mm² (77 x 0.26 mm) multi-stranded BRC conductors
Insulation:	SATI®
Conductor damping:	FTDA® technology within the Cable-Core
Dielectric binding:	SDB
Shield:	X-Shield® with an integral multi-stranded BRC drain wire
Jacket:	antistatic low-loss SPVC
Protective cover:	nylon sleeve
Outer diameter:	18.5 mm
Termination:	Banana/Banana or Spade/Banana with Classic V2 connectors
Available:	in standard terminated lengths
Country of origin:	made in Russia

CLASSIC XS MkIIAC POWER CABLE

The second generation of our best-selling power cord has been entirely redesigned to provide loss-free power transmission for all kinds of modern High End equipment regardless of design ethos and specification. It comes now with the enlarged 3.00 mm² BRC conductors, SASDB® binding, reinforced X-Shield® EMI protection system and the new sophisticated Classic V2 AC connectors.
The new multi-stranded BRC conductor with a cross section augmented by 20% over its predecessors minimizes the overall active resistance and ensures efficient power delivery without any audible dynamic range limitations. The expanded solid PE insulation combined with the patented SASDB® binding arrangement minimizes cable capacitance and signal energy losses.
The X-Shield® system reinforced with a layer of 50 µ rolled BRC foil, acts as an interactive sandwich bringing more EMI protection across a wide frequency bandwidth – from ELF to SHF while decreasing its own emissions. With advanced resonance absorbing polycarbonate bodies and gold plated copper alloy contact group the new precision-made Classic V2 AC connectors ensure the loss-free electric energy flow and complete the meticulous product visualization. The new Classic XS MkII AC Power is highly recommended for multiple High End installations and in-wall cablings, where efficient EMI protection is a key requirement.

CLASSIC XS MkII AC POWER EUR

Type:	shielded power cord for Home AV (100-240V AC, 50/60 Hz)
Conductor:	3 x 3.00 mm² (63 x 0.245 mm) twisted multi-stranded BRC conductors
Insulation:	solid PE
Dielectric binding:	SASDB®
Shield:	X-Shield®
Jacket:	2-layer antistatic low-loss SPVC
Protective cover:	nylon sleeve
Termination:	IEC 60320 (C13) / CEE 7/7 Classic V2 AC connectors with gold plated copper alloy contact groups and anti-resonant polycarbonate bodies
Outer diameter:	14.5 mm
Available:	in standard terminated lengths
Country of origin:	made in Russia

CLASSIC XS MkII AC POWER US

Type:	shielded power cord for Home AV (100-240V AC, 50/60 Hz)
Conductor:	3 x 3.00 mm² (63 x 0.245 mm) twisted multi-stranded BRC conductors
Insulation:	solid PE
Dielectric binding:	SASDB®
Shield:	X-Shield®
Jacket:	2-layer antistatic low-loss SPVC
Protective cover:	nylon sleeve
Termination:	US Type Classic V2 AC connectors with gold plated copper alloy contact groups and anti-resonant polycarbonate bodies
Outer diameter:	14.5 mm
Available:	in standard terminated lengths
Country of origin:	made in Russia

REFERENCE SERIES

Now updated with SDB and X-Shield® SE. Inspired by our constant pursuit of musical fidelity, the newly revised and expanded Reference series is based on the company‘s evolving insulation, damping and shielding concepts. Since its triumphant debut in 2005 the Reference range is a showcase of our foremost patented innovations. The FTDA® (Fiber Torsion Damping) technology within the Cable-Core (Patent RU No.124834U) and SATI® (Patent RU No.124832U) conductor insulation, pioneered here, raised the bar of an absolutely unrivalled product range. However, a substantial technological breakthrough was achieved recently through incorporating SDB (Standard Dielectric Binding) and X-Shield® SE (Patent RU No.124835U). Various types of Reference V2 connectors made of 10 µ fully gold plated beryllium copper enhance the meticulous product visualization.

SDB has replaced a cotton tape binding used previously for FTDA® p rocess. Being a more advanced and technically accomplished solution, SDB along with SATI® individual conductor insulation boosts the supreme dielectric qualities and also improves the mechanical damping.

X-Shield® SE is the next generation of our Multi-Element Shielding System imported from the flagship Ultimate range. Two layers of 50 µ rolled BRC foil in a 4-layer sandwich provide superior EMI suppression especially at low frequencies, where the industrial noise is most intensive, offer better vibration absorption and drastically reduce 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 solution not only for AV equipment, but for professional recording studio applications, as well as for ultra wide dynamic range sonic- and ultrasonic frequency measurement systems.

After a decade of continuous development and design refinements we’ve offered the finely tuned state-of-the-art Reference cables with every facet of their construction carefully focused on boosting the performance. With the new 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 symmetrical interconnect cable
Wave impedance:	110 Ohm
Conductor:	2 x 1.00 mm² (19 x 0.26 mm) multi-stranded BRC conductors
Insulation:	SATI®
Conductor damping:	FTDA® technology within the Cable-Core
Dielectric binding:	SDB
Shield:	X-Shield® SE
Jacket:	thermoplastic polyurethane (TPU) Elastollan®
Protective cover:	nylon sleeve
Outer diameter:	10 mm
Termination:	RCA/RCA with Reference V2 plugs
Available:	in standard terminated lengths
Country of origin:	made in Russia

REFERENCE MkII IC XLR

Type:	High End analogue symmetrical interconnect cable
Wave impedance:	110 Ohm
Conductor:	2 x 1.00 mm² (19 x 0.26 mm) multi-stranded BRC conductors
Insulation:	SATI®
Conductor damping:	FTDA® technology within the Cable-Core
Dielectric binding:	SDB
Shield:	X-Shield® SE
Jacket:	thermoplastic polyurethane (TPU) Elastollan®
Protective cover:	nylon sleeve
Outer diameter:	10 mm
Termination:	XLR/XLR with Reference V2 plugs
Available:	in standard terminated lengths
Country of origin:	made in Russia

REFERENCE SERIES

REFERENCE MkII INTERCONNECT CABLES

REFERENCE MkII IC AES/EBU

Type:	High End digital symmetrical interconnect cable for AES/EBU
Wave impedance:	110 Ohm
Conductor:	2 x 1.00 mm² (19 x 0.26 mm) multi-stranded BRC conductors
Insulation:	SATI®
Conductor damping:	FTDA® technology within the Cable-Core
Dielectric binding:	SDB
Shield:	X-Shield® SE
Jacket:	thermoplastic polyurethane (TPU) Elastollan®
Protective cover:	nylon sleeve
Outer diameter:	10 mm
Termination:	AES/EBU with Reference V2 plugs
Available:	in standard terminated lengths
Country of origin:	made in Russia

REFERENCE SUB INTERCONNECT CABLES

The new Reference Sub IC is our top-of-the-line subwoofer interconnect cable, suitable for 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 ensures the finest subwoofers on the market deliver a level of performance that was previously unobtainable.

REFERENCE SUB IC RCA

Type:	High End subwoofer symmetrical interconnect cable
Wave impedance:	110 Ohm
Conductor:	2 x 1.00 mm² (19 x 0.26 mm) multi-stranded BRC conductors
Insulation:	SATI®
Conductor damping:	FTDA® technology within the Cable-Core
Shield:	two layers of rolled BRC foil, covered by >85% copper tinsel braid
Jacket:	thermoplastic polyurethane (TPU) Elastollan®
Protective cover:	nylon sleeve
Outer diameter:	10 mm
Termination:	RCA/RCA with Reference V2 plugs
Available:	in standard terminated lengths
Country of origin:	made in Russia

REFERENCE SUB IC XLR

Type:	High End subwoofer symmetrical interconnect cable
Wave impedance:	110 Ohm
Conductor:	2 x 1.00 mm² (19 x 0.26 mm) multi-stranded BRC conductors
Insulation:	SATI®
Conductor damping:	FTDA® technology within the Cable-Core
Shield:	two layers of rolled BRC foil, covered by >85% copper tinsel braid
Jacket:	thermoplastic polyurethane (TPU) Elastollan®
Protective cover:	nylon sleeve
Outer diameter:	10 mm
Termination:	XLR/XLR with Reference V2 plugs
Available:	in standard terminated lengths
Country of origin:	made in Russia

REFERENCE USB A-B INTERCONNECT CABLE

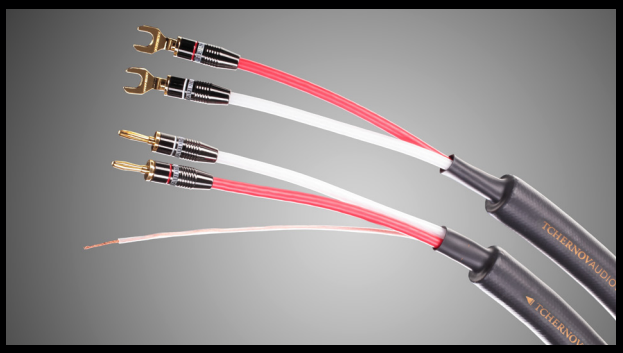
Our new top-of-the-line Referenece USB A-B IC is designed and engineered with a desire to achieve the highest musical fidelity within the framework of our proprietary class-leading insulation and shielding techniques. It allows the full utilization of the USB Audio 2.0 capabilities including the transmission 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 mm² (19 x 0.18 mm) multi-stranded BRC conductors
Power conductor:	2 x 0.08 mm² (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

REFERENCE SC SPEAKER CABLE

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. The Reference SC was engineered with the ground breaking innovations – Cable-Core with FTDA® technology and SATI® conductor insulation, which raised the bar of an absolutely unrivalled product range. Having established its own benchmark for performance the Reference SC made Tchernov Cable brand a byword for excellence.



REFERENCE SC

Type:	High End shielded speaker cable.
Conductror:	2 x 5.50 mm² (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
Country of origin:	made in Russia

REFERENCE SERIES

REFERENCE AC POWER CABLE

This one-of-a-kind High End power cord is designed around ground-breaking DSC (Distributed Symmetric Conductor, patent pending) technology. The electrical 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. The complex SATI®/SASDB® insulation/binding combination significantly decreases the relative permittivity and signal energy losses within the dielectric. The X-Shield® SE (Super Efficiency) – the next generation of our patented Multi-Element Shielding System ensures superior EMI suppression especially at low frequencies, where industrial noise is most intensive, 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 AC Power an ideal solution not only for AV equipment, but for professional recording studio applications, as well as for ultra wide dynamic range sonic- and ultrasonic frequency measurement systems. With regards to vibration damping – which has a key influence on performance – we have used a unique thermoplastic polyurethane (TPU) Elastollan® for jacketing. Developed exclusively by BASF, it possesses exceptional dielectric and vibration absorbing attributes. The new Reference AC connectors with advanced anti-resonant polycarbonate bodies and gold plated beryllium copper contact groups ensure loss-free electrical energy flow and complete the meticulous product visualization. When wired with the new Reference AC Power cords any AV system becomes harmonized and acquires unsurpassed definition, transparency and class-leading musical loftiness.

REFERENCE AC POWER EUR

Type:	High End shielded power cord for Home AV (100-240V AC, 50/60 Hz)
Conductor:	DSC configured 3 x 1.50 mm² (28 x 0.26 mm) + 3 x 1.50 mm² (28 x 0.26 mm) + 1 x 1.50 mm² (28 x 0.26 mm) multi-stranded BRC conductors
Insulation:	SATI®
Dielectric binding:	SASDB®
Shield:	X-Shield® SE
Jacket:	2-layer thermoplastic polyurethane (TPU) Elastollan®
Protective cover:	nylon sleeve
Outer diameter:	16 mm
Termination:	IEC 60320 (C13) / CEE 7/7 Reference AC connectors with gold plated beryllium copper contact groups and anti-resonant polycarbonate bodies
Available:	in standard terminated lengths
Country of origin:	made in Russia

REFERENCE AC POWER US

Type:	High End shielded power cord for Home AV (100-240V AC, 50/60 Hz)
Conductor:	DSC configured 3 x 1.50 mm² (28 x 0.26 mm) + 3 x 1.50 mm² (28 x 0.26 mm) + 1 x 1.50 mm² (28 x 0.26 mm) multi-stranded BRC conductors
Insulation:	SATI®
Dielectric binding:	SASDB®
Shield:	X-Shield® SE
Jacket:	2-layer thermoplastic polyurethane (TPU) Elastollan®
Protective cover:	nylon sleeve
Outer diameter:	16 mm
Termination:	US Type Reference AC connectors with gold plated beryllium copper contact groups and anti-resonant polycarbonate bodies
Available:	in standard terminated lengths
Country of origin:	made in Russia

ULTIMATE SERIES

The Ultimate project marks the culmination of our continued efforts to redefine the state-of-the-art in cable design. These cables are the best we ever produced and probably the finest audio cables available anywhere today. Designed and carefully handcrafted for the most demanding High End enthusiasts they drive the industry to a previously unimagined level. The unmatched list of materials used reflect our relentless quest for absolute musical fidelity over the past 16 years.

The Ultimate cables incorporate a number of major design breakthroughs. The most profound distinction is the BRC+ conductors 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%. Due to their extremely high production cost the new BRC+ conductors are used only in the Ultimate series at present.

The field of dielectrics is a source of a further definition boost. 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.

The 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 further expand the attainable dynamic range.

The new gleaming top-of-the-line Ultimate RCA, BNC & XLR plugs along with Spade & Banana connectors, made of completely rhodium plated beryllium copper complete 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.

Near ideal dynamics along with awesome scale definition maintained throughout the entire frequency range translates to exacting 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 SERIES

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 exactingly 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 and natural timbre. 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 symmetrical interconnect cable
Wave impedance:	110 Ohm
Conductor:	2 x 1.00 mm² (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:	RCA/RCA with rhodium plated Ultimate plugs
Available:	in standard terminated lengths
Country of origin:	made in Russia

ULTIMATE IC XLR

Type:	High End analogue symmetrical interconnect cable
Wave impedance:	110 Ohm
Conductor:	2 x 1.00 mm² (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:	XLR/XLR with rhodium plated Ultimate plugs
Available:	in standard terminated lengths
Country of origin:	made in 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 immaculate transmission of the time scale and shape of the digital pulse. Developed for the most discerning 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 mm² (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 exactingly 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 immaculate 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 mm² (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 SPEAKER CABLE

Our top-of-the-line speaker cable is full of radical design breakthroughs, aimed at maximizing the emotional appeal. The latest BRC+ conductors with the unsurpassed impurity ratios and huge 5.50 mm² cross-section ensure an ideal amplifier-speaker matching, regardless of their design ethos and specification. The foremost FTDA® (Fiber Torsion Damping) technology enhances the efficient absorption of the mechanical vibration affecting the conductors by as much as 50 times and ensures the widest possible dynamic range. A complex SATI®/ SASDB® insulation/binding arrangement step up the overall definition 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 further improving full frequency range definition. 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 definition, phenomenal timbre, enormous physicality and fabulous transparency.

ULTIMATE SC

Type:	High End shielded symmetrical speaker cable
Conductor:	2 x 5.50 mm² (105 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 with an integral multi-stranded BRC drain wire
Jacket:	2-layer: low-loss SPVC / TPU Elastollan®
Protective cover:	nylon sleeve
Outer diameter:	24.5 mm
Termination:	Banana/Banana or Spade/Banana with Ultimate connectors
Available:	in standard terminated lengths
Country of origin:	made in 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

The new all-weather Pro 4 SC & Pro 6 SC speaker cables were developed 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 no-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 mm² multi-stranded BRC conductor
Jacket:	low-loss NPVC (Neutral PVC)
Outer diameter:	5 x 10 mm
Available:	in bulks
Country of origin:	designed and engineered in Russia, manufactured in Belarus

PRO 6 SC

Type:	all-weather speaker cable for extensive long distance cabling
Conductor:	6.00 mm² multi-stranded BRC conductor
Jacket:	low-loss NPVC (Neutral PVC)
Outer diameter:	6 x 11 mm
Available:	in bulks
Country of origin:	designed and engineered in Russia, manufactured in Belarus

HDMI CABLES

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.

HDMI 1.4 E IC

Type:	High speed HDMI 1.4E interconnect cable with Ethernet
Wave impedance:	100 Ohm
Conductor:	5 pairs of solid 0.258 mm² BRC conductors and 7 service multi-stranded BRC conductors
Insulation:	3-layer CAFPE®
Shield:	Each conductor pair is individually shielded by copper foil with integral multi-stranded BRC drain wire. Common shield: inner layer – copper foil, outer layer – >80% BRC braid
Jacket:	antistatic low-loss SPVC
Protective cover:	nylon sleeve
Outer diameter:	11.3 mm
Available:	in standard terminated lengths
Manufactured:	Designed and engineered in Russia, manufactured in China

PRO INSTALL SERIES

RF CABLES

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 mm²
Insulation:	3-layer CAFPE®
Shield:	2-layer: inner layer – copper foiled PET, outer layer – >90% BRC braid
Jacket:	thermoplastic polyurethane (TPU) Elastollan®
Outer diameter:	6.8 mm
Available:	on spools
Manufactured:	Russia

RF 75 IC

MOUNTING CABLES

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 mm² (84 x 0.18 mm) multi-stranded BRC conductor
Jacket:	antistatic low-loss SPVC
Outer diameter:	3.8 mm
Available:	on spools
Manufactured:	Russia

MOUNTING WIRE

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

MANUFACTURER:
Tchernov Audio Service Ltd.
av.4922, 4, bld.4
Zelenograd, Russia
+7 (495) 721 13 81

SUPPLIER:
Tchernov Audio Ltd.
3rd Magistralnaya 30/2
123007 Moscow, Russia
+7 (495) 721 13 81

HEAD OFFICE:
Tchernov Audio GmbH
Franklinstrasse 13 a
10587 Berlin, Germany
+49 (0)30 683 202 220