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Cable Technology

It is commonly accepted in audiophile circles that stranded wire is generally undesirable for high performance audio cable, and there are a number of probable explanations. The problem may be that the signal jumps from strand to strand in an undesirable, possibly unpredictable manner, varying with level, causing a type of distortion that is not typically measured. It may be that there is magnetic interaction between all the strands. It is also possible that oxidation among the strands impedes signal flow, and causes negative effects. This appears to be manifested primarily in the higher frequencies, and the symptoms are primarily a grainy distortion to the sound that most audiophiles find irritating. The moment that wire is drawn down to its final gauge through a die, it begins to oxidize. There are normally no steps taken to prevent or eliminate this in manufacturing, and when the strands are bundled and twisted together, oxidation is interspersed among them. A "diode effect" has been postulated in the past, and this states that the non conductive material interspersed among the conductive strands forms an effective diode that fires when the potential to ground becomes sufficient. This would manifest itself as a type of high frequency distortion, or diode noise. The reason that stranded cable is used in audio cables is mainly because of cost, ease of manufacturing, and it does result in much smaller, flexible cables that are sometimes required for specific applications.



Combinations

٠ It is accepted among most designers of Audio cables that different gauge (diameter) wires tend to sound different, and work better in specific frequency ranges. For this reason, most of the highest end cable designs use solid core conductors of varying gauges, and preferably individually insulated. It can be noted with experimentation that larger diameter conductors tend to favor, or more accurately reproduce, the lower frequencies; medium gauge conductors, the mid frequencies; and fine gauge conductors, the high frequencies. The reasons for this are not clearly agreed upon by all, but theories can be postulated, and most relate to skin effect, although theoretically,

this should have no bearing within the audio range. Listening , however seems to indicate otherwise.

Flux density is often cited, and larger conductors are said to have a higher density of magnetic flux that concentrates in the center of the conductor. This may effectively chade off the higher frequencies and force them to the surface of the conductor. Depending on the gauge of the conductor, this will happen in varying degrees, and yield different amounts of high frequency, bass and mid-range information depending on how much of it has been affected by the flux density and size of the conductor, a lot of the differences in sound between different gauge conductors can probably be attributed to interactions between the different frequency ranges, probably due to magnetic effects principle in cable theory, and the higher frequencies tend to travel on the outside diameter of the cable. Skin depth varies with frequency so differing conductor diameter of the cable is large or small. The surface area that the high frequencies will travel on is clearly different and the ratios of the skin depth to conductor size related to frequency will also have an effect. This should all have an impact on sound reproduction and perceived tonal balance. The surface area of different gauge conductors also

varies, and the amount of surface area in contact with the dielectric material will also affect capacitance, the capacitance will also have an impact of high frequency reproduction.

- If it is established that conductor size has an influence on sound, it is not hard to imagine that the shape and design of the conductors might also play a role. It has been established that flat, or rectangular conductors, do have also extremely beneficial sonic characteristics. This may be related to the surface area of these conductors, and it may also be related to the fact that based on skin effect theory, bass signals send to migrate to the center of a cable. Since a flat or rectangular conductor has no magnetic center like a round conductor, this may tend to prevent the concentration of low frequencies, and give a different sonic response. It also appears that flat conductors, as in round wire, do tend to have some frequency relationships related to size. In listening tests, it appears that flat conductors tend to reproduce the midrange particularly well.
- Given these considerations, that different conductor types and sizes tend

to sound and perform differently, and combinations seems to work based on optimization. It naturally follows that different types of conductors, based on their areas of best performance could be combined to produce a cable that excels in every frequency range. This is the concept behind this specified cable technology. A different conductor type is used to address each frequency range. If conductors can be designed that can each excel in one particular area, preferably de emphasizing other ranges, they can be combined together in one composite conductor network, to excel in every frequency range.



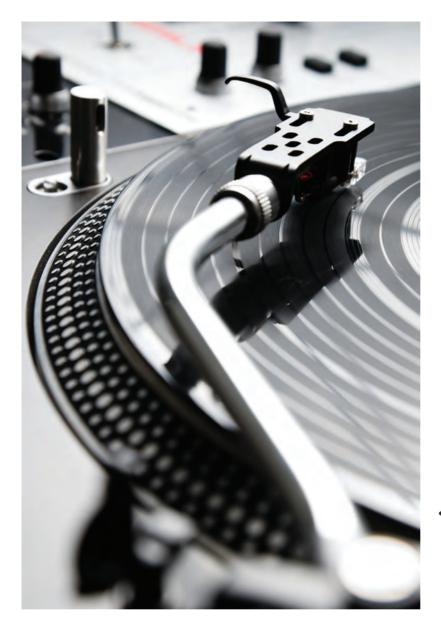
Bass

It has been determined that larger diameter solid core conductors, do produce the best bass response, and although this is at the expense of higher frequencies, this can be addressed by using separate mid and high frequency conductors. In absolute terms, to get the best bass response, these large conductors are necessary, and function extremely well. Skin depth varies with frequency, and bass frequencies travel at the deepest levels. Large conductors have the skin depth available to support deep bass. It seems likely that because of the flux density at the center of large conductors, the highs are also forced mostly to the surface and interaction between the bass frequencies and mid frequencies, tend to make the bass overshadow

everything else. Lastly, because of the large surface area associated with the heavy gauge bass conductors, the area in contact with the dielectric material is also large, thus increasing capacitance, and this would also tend to reduce high frequencies. In the final analysis, the large gauge conductors tend to favor the bass over midrange and highs.

Midrange

For midrange reproduction, a flat conductor seems to work best. Flat conductors do normally result in a larger diameter cable, though. A solid round smaller gauge conductor could also be used when size is an issue, and this can be sized such that the base 6t high frequencies are reduced, thus favoring the midrange. With analog interconnects the line level signal is much smaller, and this becomes less critical because the interactions are less noticeable. Combined midrange/bass conductors are also possible, but there are compromised with this. In speaker cables this is a higher voltage present, and the use of rectangular, flat conductors yields the best possible midrange performance. Because of the reduced flux density, mid-range frequencies are much purer and more natural. It also may be likely that with the large surface area in contact with the dielectric material, the capacitance may be increased, thus reducing the high frequencies, as well. By reducing the highs and the lows, the midrange has less interaction with these frequency ranges, thus leading to a more pure and clean sounding midrange.



High Frequencies

For high frequencies, the choices are much more problematic. To eliminate enough flux density, and reduce interaction from the bass and midrange, very fine conductors are needed. These are difficult to insulate individually, and this must be done to eliminate the negative effects of stranded wire, discussed above. The ideal alternative would be using a high frequency conductor that is hollow, thus eliminating the flux density problems. In order to achieve this, thin, flat conductors are wound in a spiral configuration, thus yielding a tubular construction, free from flux density interaction. This construction has proven to yield pure, extended high frequencies with no trace of the harshness or excessive brightness that is often present in other designs.

Optimization

To arrive at the ideal balance between the different frequency ranges, it is critical to choose the correct sizes and quantities for the different conductor types. A significant amount of research and development, combined with countless hours of listening tests, has produced results that should extend the level of performance of the most sophisticated audio systems.

Copper Materials

 Rather than not using stranded wire, and using good cable geometry one of the other most important considerations in developing a high-performance audio cable is the grade of copper to be used, If you look at the typical conductor materials available, typical high purity electrical-grade copper has approximately 1500 grains (or crystals) per foot, The boundaries of all these crystals must be crossed by the signal in the process of being transmitted across the cable ,lt is not hard to imagine that crossing all of these boundaries must cause some sort of loss and/or distortion of the signal ,This may be similar to the effects of stranded wire and it does seem to cause the same sort of audible distortion. In video cables, This would also cause loss of information.

- An even better method is to use a Skin-Foam-Skin construction, with Nitrogen-Injected foamed PE. In Skin-Foam-Skin technology, the first skin of high density PE insulates the inner conduction; the Nitrogen-Injected PE expanded section gives way for the electromagnetic signal to quickly spread out, and subsequently the second skin seals the insulation. This provides for much better centering of the conductor, better electrical properties, and more stable impedance.
- The gas injected dielectric also ensures a better life span and stable attenuation values. In accordance with IEC 6B-2-3 requirements which prescribes an ageing test of 21 days at 40 Centigrade and relative humidity of 93%, checks have shown that attenuation increases less than 5% over original values.
- The next grade above normal high purity electrical-grade copper is called OFC (Oxygen-Free Copper).or sometimes Oxygen-Free High-conductive (OFHC) copper, This term is quite misleading .Because OFC copper is not really oxygen free, it is cast and drawn in a process where oxygen content is limited ,Thus reducing the formation of copper

oxides, which lead to a larger number of crystals ,the oxygen content for OFC is typically in the range of 40PPM(parts per million), while normal grade copper is approximately 235 PPM The end ? is that OFC has approximately 400 grains of crystals per foot ,as opposed to 1500. There are significantly less boundaries for the signal to cross, and thus the signal is degraded far less. This is a substantial improvement over normal high-purity electrical wire. OFC and OFHC copper materials are not all the same, however, and there are much abused terms. The oxygen content does vary, and it is a range. Rather than a finite definition. Performance levels do vary with the quality level of the material. And not all "OFC" copper sounds or performs at the same level.

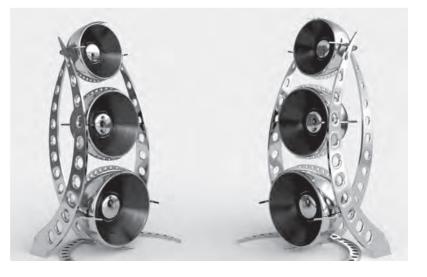
- The next higher grade is an elongated grain copper sometimes called "linearcrystal" (LC-OFC)."mono-crystal".or "longgrain" copper. These coppers have been carefully drawn in a process that results in only about 70 grains or crystals per foot. Since OFC copper typically has approximately 400 grains per foot. This is clearly an improvement and the reduced amount of crystal boundaries causes far less signal loss or distortion.
- The best level of copper for audio and video applications would obviously be totally free of crystal boundaries. Professor Absumi Ohno began the study of the solidification of metals in the mid 1960's. and published his landmark book, Solidification. The separation Theory and its Practical Applications, in 1984. In this book, Ohno describes crystal structures. He goes on to describe his unique process for casting metals with

virtually no crystal structure. The O.C.C. process. This concept was first conceived of in 1978. and utilizes heated molds in a continuous casting process. Eventually, international patents were granted for O.C.C.(Ohno continuous Casting). The copper produced by this method is small rods of O.C.C pure copper, from which can be drawn and which can have Copper grains of over 700 ft in length. A Japanese manufacture is currently using this process and produces O.C.C. under the trade name PCOCC(Pure Copper by Ohno Continuous Casting) Platinum Series cables use PCOCC Copper exclusively, PCOCC copper is extremely expensive and production is very limited.

Skin-Form-Skin Nitrogen Injected Dielectric For Digital Coax

The dielectric is the layer of material placed around the inner conductor and serves several purposes. It is an insulator, and prevents the conductor from shorting out against any metallic materials that it might come in contact with. It also protects the conductor from contaminants and corrosion. Solid Polyethylene (PE) has been used in the past, but this makes for a very heavy and bulky cable. For home video and Digital Audio it has been mostly phased out in favor of Foamed PE dielectric materials. The dielectric material also affects the loss of the cable and the characteristic impedance. The impedance is also determined by the ratio between the outside diameter of the conductor, and the outside diameter of the dielectric. The concentricity of the elements also has an effect on the impedance.

The foaming of the dielectric is generally obtained by means of chemical additives. A better method is to use a gas injected system which causes expansion of the dielectric by means of physical injection of nitrogen gas into the Polyethylene. The benefit is smaller, more consistent and evenly distributed bubbles, which allows for better crush resistance, a better dielectric constant, band better flexibility.



The beginning of the best sound

GOLD LINE



The best power of SOUND!



POWER BAR - GOLD LINE SERIES



TTAF Hi-Fi Aluminium Power Bar

- HiFi power bar with schuko power cable
- İnterruption free internal conduct
- Aluminium case structure
- Pure copper internal condustor
- Voltage: 250V ~
- Frequency: 50Hz- 60H
- Nominal Current: 16A
- L: 2M





Conductor: 50xØ0.24mm (3x2.5mm²) Stranded OFC Wires Overall Screen: OFC Copper Wire Braiding 80% Coverage Sheath: Ø16.6mm PUR,Purple Individual Inner Sheath: Ø5.0mm PVC, Black,Red,Yellow / green General Inner Sheath: Ø12.6mm, Special Flexible PVC,Black Insulation: Ø3.40mm PE. Black,Red,Yellow/green 2. Individual Screen: OFC Copper Wire Braiding 80% Coverage

1. Individual Screen: Cu-Pes 100% Coverage





POWERBAR - GOLD LINE SERIES



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Insulation: Ø340mm PE. Black,Red,Yellow/green
 2. Individual Screen: OFC Copper Wire Braiding 80% Coverage

1. Individual Screen: Cu-Pes 100% Coverage

00 10 | TTAF® High End Series

POWER BAR - GOLD LINE SERIES



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POWER BAR - SILVER LINE SERIES

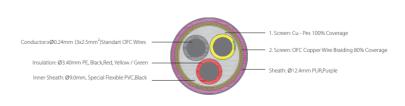


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- L: 2M







able : 93268 onn. : 93124

10552

POWER BAR - SILVER LINE SERIES

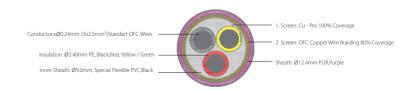


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POWER BAR - SILVER LINE SERIES

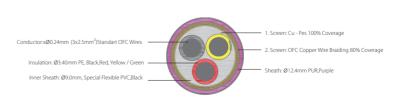


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- L: 2M









POWER BAR - EXTREME LINE SERIES

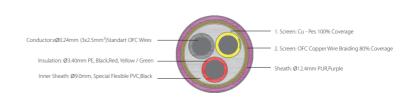


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- Nominal Current: 16A
- L: 2M









POWER BAR - EXTREME LINE SERIES

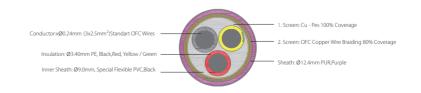


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- Aluminium case structure
- Pure conner internal condusto
- Voltage: 250V ~
- Frequency: 50Hz- 60H
- Nominal Current: 16A
- L: 2M







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able : 93268 onn. : 93110

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POWER BAR - EXTREME LINE SERIES

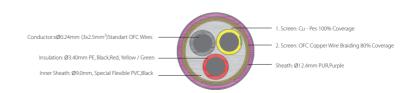


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- Aluminium case structure
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- Voltage: 250V ~
- Frequency: 50Hz- 60H
- Nominal Current: 16A
- L: 2M









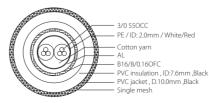
High Purity OCC (Ohno Continue Casting) | PE insulation | Cotton yarn filler | Aluminium wrapping | 128 wires OFC braiding | Matt Black PVC jacket | Grey+Silver Single mesh Capacity Per 1M : 54.586pF Resistance Per 1KM : 27.64ohm Cable : 93291 Conn. : 93247, 93248 **ः TTत**न

BALANCE - GOLD LINE SERIES

• 18AWG(0.71mm2) OCC (Ohno Continute Casting)

 The 93291 is designd for balanced digital signal transmission. It greatly reduces harshness in high-frequency signal transfer and creates a deep, smooth and dynamic performance. It utilizes OCC (Ohno Continute Casting) as the conductor, twisted pairing in dual insulation with PE and enhanced by a tight Oxygen Free copper braid to give 100% protection from from high-frequence microwave and EMI signal corruption.

Cable Part Number: 93291



18 | TTAF[®] High End Series

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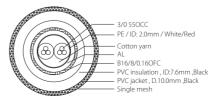
High Purity Oxygen Free Copper | PE insulation | Cotton yarn filler | Aluminium wrapping | 128 wires OFC braiding | Matt Black PVC Jacket | Black/Grey/Silver Single mesh Capacity Per 1M : 48.58pF Resistance Per 1KM : 27.36ohm Cable : 93292 Conn. : 93249, 93250

BALANCE - SILVER LINE SERIES

• 18AWG(0.71mm2) High Purity Oxygen Free Copper

 The 93292 is designd for balanced digital signal transmission. It greatly reduces harshness in high-frequency signal transfer and creates a deep, smooth and dynamic performance. It utilizes Oxygen Free Copper as the conductor, twisted pairing in dual insulation with PE and enhanced by a tight Oxygen Free copper braid to give 100% protection from from high-frequence microwave and EMI signal corruption.

Cable Part Number: 93292



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ITANCE DESIGN M

High Purity Tinned Copper conductor | Foam PE Insulation | Cotton yarn filler Aluminium wrapping | 80 wires TC braiding | Pearl Pink Red PVC Jacket Cable : 93091 Conn. : 93063, 93064 **ः TTत**न

BALANCE-EXTREME LINE SERIES

- The 93091 is designed for balanced digital signal transmission. It greatly reduces harshness in high-frequency signal transfer and creats a deep, smooth and dynamic performance.
- It utilizes tinned copper as the conductor, twisted pairing in dual insulation with Foam PE and enhanced by a tight tinned copper braid to give 100% protection from high-frequence microwave and EMI signal corruption.

Cable Part Number: 93091

- Int



Conductor: 7/0.26 Tinned Copper Wire
 Insulation: PET
 Shielding: AL+16/5/0.12 Tinned Copper Wire
 Filter: Carton Yan
 PVC Jacket OD: 8.3 mm Pearl Pink Red Color



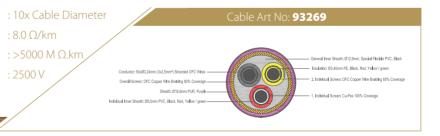
able : 93269 onn. : 93299 , 93300





POWER-GOLD LINE SERIES

- Bending Radius (fixed)
- Conductor Resistance (max.)
- Insulation Resistance
- Test Voltage



Art No: 10500	Art No: 10499	Art No: 10498
ٿ ⊙_1,8m	ٿ ⊙_ 1,5 m	

ble : 93126 onn. : 93299 , 93300

10539



POWER-GOLD LINE SERIES

- The 93126 has been designed and engineered to reveal a high definition harmonic resolution in multi-channel and hi-end audio systems.
- The conductor is constructed from 2 cords of solid silver plated copper Lize wire, in offers an increased clarity and resolution over stranded cables, the Lize wire design helps the output and the low-frequency driver is kept to an absolute minimum, so the damping factor of the amplifier is not compromised by the resistance of long speaker cables.

Cable Art No: 93126



A. Conductor: 7/1/0.8 PC Litz Wire
 B. Insulation : PVC
 C. Drain Wire : 65/0.254 TC
 D. Shielding: AL Mylar
 E. PVC Jacket OD: 15.0mm Matt Grey color
 F. Mesh OD: 17.0 mm in Grey & Black color



Cable : 93154 Conn. : 93299, 93300





POWER-GOLD LINE SERIES

- The 93154 offers enlarged dynamic range with greater speed and acceleration.
- It's high current and musical expanse output a realistic and truly sound.
- The stalwart 7AWG high purity Silver Plated Copper conductor encased in teflon tape performs subtle yet has dynamic power dual insulations with PE and PVC, 18AWG ground wire, wrapped with aluminium and double layer flexible PVC Jacket. The bright color cable mesh is a vision giving immense gratification.



Cable Art No: 93154

 A. Conductor: 37/0.5 Silver plated copper B. Shield: Teffon Tape C. Insulation: PE in resin color D. Insulation: PVC in Red & Black color E. Filler: Carton Yarn F. Filler: PVC Tube G. Shielding: AL Mylar H. Drain Wire: 42/0.15 TC I. Inner Jacket: PVC in matt brown J. PVC Jacket OD: 17.0mm in deep Brown K. Mesh OD: 18.0mm in golden color

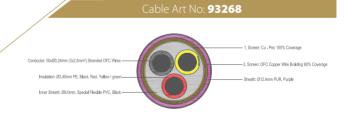






POWER-SILVER LINE SERIES

- Bending Radius (fixed)
- : 10x Cable Diameter
- Conductor Resistance (max.) : 8.0 Ω/km
- Insulation Resistance
- Test Voltage
- : >5000 M Ω.km : 2500 V



Art No: 10497	Art No: 10496	Art No: 10495
<u> പ</u> _1,8m	⁼ 0_ 1,5 m	<u> പ</u> _1,2m

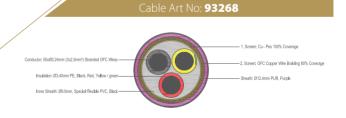
ble : 93268 onn. : 93254 , 93255





POWER-SILVER LINE SERIES

- Bending Radius (fixed)
 - : 10x Cable Diameter
- Conductor Resistance (max.) : 8.0 Ω/km
- Insulation Resistance
- Test Voltage
- : >5000 M Ω.km : 2500 V





ble : 93268 onn. : 93110 , 93111





POWER-SILVER LINE SERIES

- Bending Radius (fixed) : 1
 - : 10x Cable Diameter
- Conductor Resistance (max.) : 8.0 Ω/km
- Insulation Resistance
- Test Voltage
- : >5000 M Ω.km : 2500 V



Art No: 10494	Art No: 10493	Art No: 10492
<u> പ</u> _1,8m	<u>۳</u> _ 1,5 m	<u>۳</u> _ 1,2m



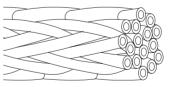
apacity Per 1M : 37.24pF esistance Per 1KM : 1.20hm able : 93252 onn. : 93186 , 93187



SPEAKER-GOLD LINE SERIES

- The 93252 is a very attractive product due to its modern bi-color braiding design, luxurious colors and superior performance.
- It consists of sixteen individual conductors, the aggregate wire size is stranded with OFC braid using geometric technology.
- The 93252 is a great match for all high-end speakers subwoofers and low frequency bi-wired speaker systems.

Cable Art No: 93252



Art No: 10183	Art No: 10524	Art No: 10525
<u> </u>		• <u>•</u> 4m



High Purity twisted flat silver plated copper | 8 wires individual isolation Twisted Technology | Flexible PVC jacket Cable : 93100 Conn. : 93186, 93187

Rhodium Plated

SPEAKER-GOLD LINE SERIES

- The 93100 is designed for outstanding surround stereo system it is excellent for eliminating noise and distorted sound, providing transparency and dynamics for exceptional sound with an aesthetic pleasing appearance.
- The flat solid conductors 8x18AWG (8x0.72 mm2) use high purity silver plated copper, appropriate for an aggregate gauge of 2x12AWG (2x3.0 mm2), with its unique parallel geometry and multiple conductors which are extruded collectively, and is suitable for bi-wire applications.

Cable Art No: 93100 2.4w*0.3t Twisted flat silver plated copper Printing position/ down side PVC Jacket, OD: 25*3.1mm, Clear White strip

Cable Pin: 1+3+5+7 Cable Pin: 2+4+6+8

Art No: 10510		Art No: 10511	Art No: 10512
"LO	3m	<u> </u>	• <u>•</u> 5m

10180

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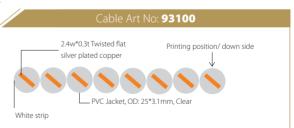
High Purity twisted flat silver plated copper | 8 wires individual isolationPatented Twisted Technology | Flexible PVC jacketCable: 93100Conn.: 93196, 93197



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SPEAKER-GOLD LINE SERIES

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- The flat solid conductors 8x18AWG (8x0.72 mm2) use high purity silver plated copper, appropriate for an aggregate gauge of 2x12AWG (2x3.0 mm2), with its unique parallel geometry and multiple conductors which are extruded collectively, and is suitable for bi-wire applications.



Cable Pin: 1-4 / 1-2 Cable Pin: 5-8 / 3-4

Art No: 10180	Art No: 10522	Art No: 10523	
<u> </u>		m	4m



Capacity Per 1M : 94.57pF Resistance Per 1KM : 1.50hm Cable : 93251 Conn. : 93186 , 93187





SPEAKER-GOLD LINE SERIES

- The 93251 is an exclusive upscale crafted flat speaker cable, the flexible flat design is perfect under carpeting and baseboards listen to it's extended bass and true treble, high, clear and pure sound.
- It is a conductor of 7x17 AWG (1.04 mm2) with hyper fine stranded silver plated copper in parallel for an aggregate gauge of 8, unique flat technology in its 7 conductors are extruded together and retained a soft, flexible jacket.

	Cable	e Art No:	93231	
		28		
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Capacity Per 1M : 94.57pF Resistance Per 1KM : 1.5ohm Cable : 93251 Conn. : 93191 , 93192





# SPEAKER-GOLD LINE SERIES

- The 93251 is an exclusive upscale crafted flat speaker cable, the flexible flat design is perfect under carpeting and baseboards listen to it's extended bass and true treble, high, clear and pure sound.
- It is a conductor of 7x17 AWG (1.04 mm2) with hyper fine stranded silver plated copper in parallel for an aggregate gauge of 8, unique flat technology in its 7 conductors are extruded together and retained a soft, flexible jacket.

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# 10168

# SPEAKER-GOLD LINE SERIES

Twisted Flat Copper series cable is a new outstanding cable technology for the high-end audio cable market, maximizing the sound ٠ performance and minimizing the electrical interference.

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Gold Plated

- Unlike the traditional round cable conductor in appearance, TTAF has utilized ultra thin flat copper foil and formed a corkscrew shape by using unique procedure and the taut transparent PVC Insulation keeps it in a stable position, producing precise sound definition and a pure polished appearance.
- Comparing it to a normal stranded copper conductor, has a bigger surface area which allows it to carry substantial transmission, which ٠ means that the "skin effect" has lower resistance at hig frequency and represents a better treble control.

*	There are some flat copper cables in the marketplace but the disadvantage cannot reform into its orijinal shape and cannot also be formed into	ges of that type are; its wide parallel shape is easy to bend but Cable Art No: <b>93008</b>
	90 degree right angles from a vertical position.	Printing text/ down side
•	TTAF has developed this unique shape to create comprehensive flexiblity and can be used just as easily as primary cable application.	2. PVC jacket, transparent, OD: 6.0*12.0mm 1. 4.0w*0.25t Copper foil twisted
	Art No: 10185 Art No: 10532 Art No: 10533	



High Purity OFC + litz wire | Dual PVC and PE insulations Aluminium coverage | Flexible PVC jacket Cable : 93156 Conn. : 93191, 93192

Rhodium Plated

Ultrasonic Welding

SPEAKER-GOLD LINE SERIES

- 93156 speaker cable is designed to reveal the high clarity and harmony in hi-fi audio systems. It offers high definiton, energetic and balanced sound for your musical enjoyment.
- Two different AWG conductors and is combined with high purity oxygen free copper and litz wire, dual insulated with PVC, PE, the transparent jacket gives a pure appearance.

Cable Art No: **93156** 



A. Conductor: 1/0.5 litz wire B. Conductor: 6/72/0.05 OFC C. Insulation: PVC in red & black color D. Aluminium mylar E. Insulation: PE F. Filler: PE strip G. Wraping: transparent tape H. PVC Jacket OD: 17.0mm in transparent







High Purity OFC + litz wire | Dual PVC and PE insulations Aluminium coverage | Flexible PVC jacket Cable : 93156 Conn. : 93186, 93187



#### SPEAKER-GOLD LINE SERIES

- 93156 speaker cable is designed to reveal the high clarity and harmony in hi-fi audio systems. It offers high definiton, energetic and balanced sound for your musical enjoyment.
- Two different AWG conductors and is combined with high purity oxygen free copper and litz wire, dual insulated with PVC, PE, the transparent jacket gives a pure appearance.





A. Conductor: 1/0.5 litz wire B. Conductor: 6/72/0.05 OFC C. Insulation: PVC in red & black color D. Aluminium mylar E. Insulation: PE F. Filler: PE strip G. Wraping: transparent tape H. PVC Jacket OD: 17.0mm in transparent

Art No: <b>10160</b>	Art No: <b>10444</b>	Art No: <b>10445</b>
<u>۳</u> 2,4m	<u> ლე_ 3 m</u>	• <u>•</u> 4m

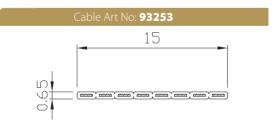




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#### SPEAKER-GOLD LINE SERIES

- The 93253 is an exclusive upscale crafted flat speaker cable, the flexible flat design is perfect under carpeting and baseboards, listen to it's extended bass and true treble, high, clear and pure sound.
- It is a conductor of 8x22 AWG (0.3 mm2) with hyper fine flat silver plated copper in parallel, for an aggregate gauge of 2x16 AWG (2.4 mm2), unique flat technology in its 8 conductors are extruded together, and retained a soft flexible jacket for the seam layout.









#### SPEAKER-GOLD LINE SERIES

- The 93253 is an exclusive upscale crafted flat speaker cable, the flexible flat design is perfect under carpeting and baseboards, listen to it's extended bass and true treble, high, clear and pure sound.
- It is a conductor of 8x22 AWG (0.3 mm2) with hyper fine flat silver plated copper in parallel, for an aggregate gauge of 2x16 AWG (2.4 mm2), unique flat technology in its 8 conductors are extruded together, and retained a soft flexible jacket for the seam layout.

Cab	e Art No: <b>93253</b>
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Art No: <b>10185</b>	Art No: 10532	Art No: 10533	
<u> എ</u> _2,4m	<u> പ</u> ്പ 3 m	<u>୩୦_</u> 4m	



#### SPEAKER-GOLD LINE SERIES

- The conductor is constructured from three types of different thickness high purity oxygen free copper & silver plated copper.
- Paper wrapping and flexible PVC jacket.
- This luxury dual white and black braided cable mesh gives an outstanding appearance.
- The bass definition is the big selling point of 93153, it helps sound extension even for a smaller speaker case, this is due to it's ideal audio matching capacity and low frequency output.



- A. Conductor: 70/0.65 Oxygen free copper
- B. Insulation: PE in resin color
- C. Conductor:(1/0.4SPC+6/42/0.08 OFC)
- D. Insulation: PVC in Red & Black color E. Filler: Cotton Yarn
- F. Drain Wire: 65/0.16 TC
- G. Wraping: Carton paper
- H. PVC Jacket OD: 17.5mm in deep matte blue
- I. Mesh inner OD: 18.5mm in black & white color

Art No: <b>10166</b>	Art No: <b>10456</b>	Art No: <b>10457</b>
۳ <b>2,4</b> m	<u>ლ</u> 3 m	<u>୯୦_</u> 4m





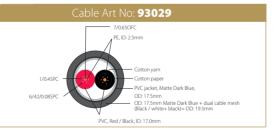
High Purity OFC conductor & Silver Plated copper | PE, PVC insulationsPaper wrapping | Cotton filler | Flexible PVC jacket | Cable meshCable: 93029Conn.: 93191, 93192





#### SPEAKER-GOLD LINE SERIES

- The bass definition is one of the biggest advantages of 93029. It helps sound extension even for a smaller speaker case; this is due to its ideal audio matching capacity and low frequency output. The result is a warm but powerful feeling.
- The conductor consists of three types of different thickness high purity oxygen free copper. This luxurious dual white black braided cable mesh gives an outstanding appeal.



Art No: <b>10165</b>	Art No: <b>10454</b>	Art No: <b>10455</b>
<u> പ</u> _2,4m	<u> "</u> 0_ 3 m	<u>୯୦_</u> 4m

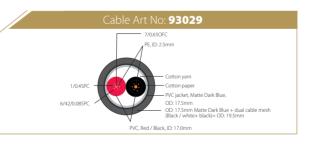


High Purity OFC conductor & Silver plated copper | PE, PVC insulations Paper wrapping | Cotton filler | Flexible PVC jacket | Cable mesh Cable : 93029 Conn. : 93186, 93187



#### SPEAKER-GOLD LINE SERIES

- The bass definition is one of the biggest advantages of 93029. It helps sound extension even for a smaller speaker case; this is due to its ideal audio matching capacity and low frequency output.The result is a warm but powerful feeling.
- The conductor consists of three types of different thickness high purity oxygen free copper. This luxurious dual white black braided cable mesh gives an outstanding appeal.

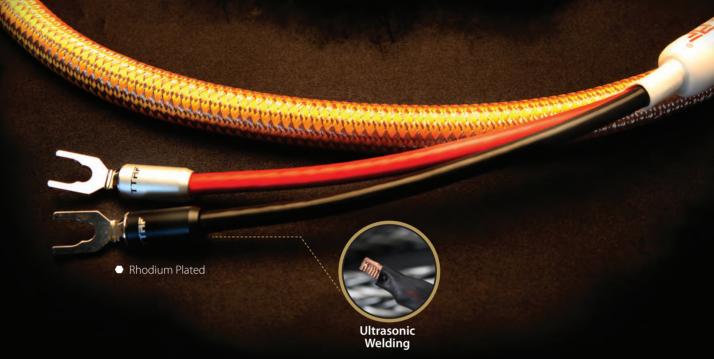




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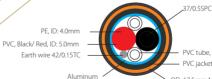






#### SPEAKER-GOLD LINE SERIES

- 15 AWG (1.70 mm²) high purity 99.99% Oxygen Free Copper conductor.
- More natural and clear acoustic reproduction is developed by tight stranding.
- Though it has the simplest structure, it delivers wider dynamic range of bass performance and extended frequency response,
- Elegant cable mesh is ideal for home theater hookups and installations.
- Round and square polarity can easily be recognized and torn to facilitate instant usage



– PVC tube, ID: 4.5mm – PVC jacket, Matte Brown, OD: 17.0mm

Cable Art No: 93155

OD: 17.5mm Matte Dark Blue+Dual cable mesh (Black/ White+Black)= OD:19.5mm

Art No: <b>10163</b>	Art No: <b>10450</b>	Art No: <b>10451</b>
<u>₹0_2,4m</u>	<b></b>	₹Q_ 4m



Cable : 93155



#### SPEAKER-GOLD LINE SERIES

15 AWG (1.70 mm²) high purity 99.99% Oxygen Free Copper ٠ conductor.

Gold Plated

- ٠ More natural and clear acoustic reproduction is developed by tight stranding.
- Though it has the simplest structure, it delivers wider dynamic range of bass performance and extended frequency response.
- Elegant cable mesh is ideal for home theater hookups and installations.
- Round and square polarity can easily be ٠ recognized and torn to facilitate instant usage

PF. ID: 40mm PVC, Black/ Red, ID: 5.0mm Earth wire 42/0.15TC

Alumin

37/0.5SPC PVC tube, ID: 4.5mm PVC jacket, Matte Brown, OD: 17.0mm OD: 17.5mm Matte Dark Blue+Dual cable mesh (Black/ White+Black)= OD:19.5mm

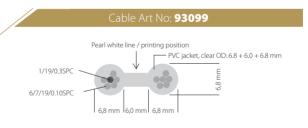
Cable Art No: 93155

Art No: 10162 Art No: **10448** Art No: 10449 •____2,4m <u>ოე 4m</u> 



#### SPEAKER-SILVER LINE SERIES

- The 93099 Speaker cable has full bandwidth clarity, exceptional mid-range and accurate low-frequency performance.
- It is designed in parallel shape for easy installation, the conductor combines two types of awg with an aggregate qauge of 8 mm².
- x 2C, producing sounds ranging from a gentle balanced ound to a powerful output audio experience.







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Rhodium Plated



Ultrasonic Welding

#### SPEAKER-SILVER LINE SERIES

- 11 AWG (3.96mm2) high purity 99.99% Oxygen Free Copper conductor.
- More natural and clear acoustic reproduction is improved bytight stranding.
- Though it has the simplest structure, it delivers wider dynamic range of bass performance and extended frequency response.
- Highly flexible and luxurious matte brown jacket with gold strip is ideal for home theater hookups and installations.
- ٠ The polarity can be torn and easily recognized through the gold strip to facilitate instant usage.







High Purity OFC Conductor | HDPE insulation | Flexible jacket Parallel type | Square / Square Cable : 93027 Conn. : 93184, 93185

Gold Plated



- 13 AWG (2.53 mm²) high purity 99.99% Oxygen Free Copper conductor.
- More natural and clear acoustic reproduction is developed by tight stranding.
- Though it has the simplest structure, it delivers wider dynamic range of bass performance and extended frequency response.
- Highly flexible unique violet jacket is ideal for home theater hookups and installations.

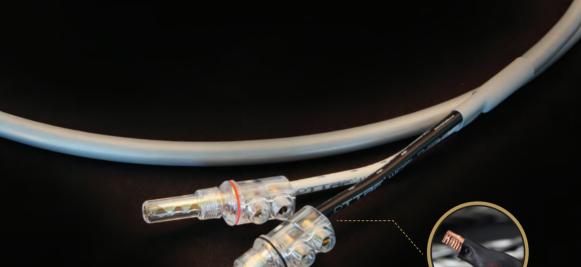
Cable Art No: 93027 Printing text/ down side PVC jacket, Violet, OD: 5.0+1.5+5.0mm HDPE, ID: 3.2mm T/38/0.110FC

Ultrasonic Welding

Art No: 10175	Art No: 10474	Art No: 10475
<u> പ</u> _2,4m	<u> ლ_ 3 m</u>	• <b> 4m</b>



High purity OFC conductor | PVC insulation | Cotton filler | AL wrapping Flexible PVC jacket | Pearl white color | Round type Cable : 93026 Conn. : 93184, 93185



Gold Plated

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#### SPEAKER-EXTREME LINE SERIES

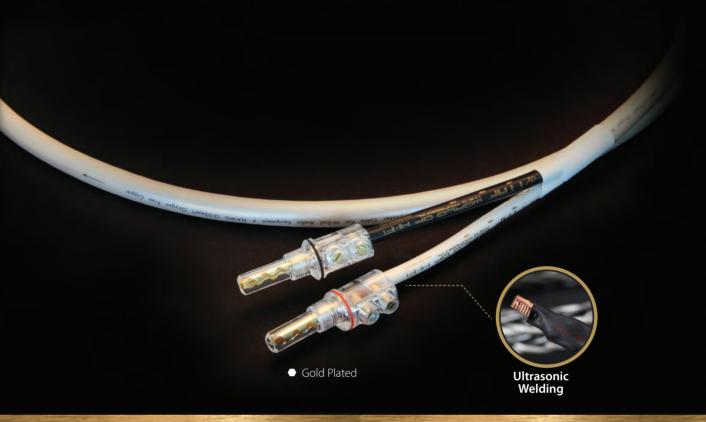
- 15 AWG (1.75 mm²) high purity 99.99% Oxygen Free Copper conductor.
- More natural and clear acoustic reproduction is developed by tight stranding.
- You will have a comfortable listening experience; it delivers wider dynamic range of bass performance and extended frequency response.
- Highly flexible pearl silver jacket is ideal for home theater hookups and installations.







High purity OFC conductor | PP insulation | Paper wrapping Flexible PVC jacket | Pearl white color Cable : 93010 Conn. : 93184, 93185



#### SPEAKER-EXTREME LINE SERIES

- 12 AWG (3.02 mm2) high purity 99.99% Oxygen Free Copper conductor.
- More natural and clear acoustic reproduction is improved by tight stranding.
- You will have a comfortable listening experience. It is the entrance model.
- Highly flexible pearl white jacket is ideal for home theater hookups and installations.

7/55/0.100FC PE, white / red, ID: 3.5mm Cotton yarn Cotton paper PVC jacket, pearl white color, OD: 9.5mm

Art No: <b>10173</b>	Art No: <b>10470</b>	Art No: <b>10471</b>
<u> പോ,4m</u>	<u> </u>	<u>୯୦_</u> 4m

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#### INTERCONNECT - GOLD LINE SERIES

#### • High Purity OCC (Ohno Continue Casting)

- Dual PE and Foam PE insulation
- Aluminium shielding | 144 wires SPC braiding
- Flexible PVC jacket | Cable mesh



Cable Art No: 93150

A. Conductor: 80/0.1 OCC copper B. Insulation: PE in blue color

C. Insulation: FPE in white color D. Shield 1: Alumina mylar

E. Shield 2: Braid 16/9/0.12 SPC

F. Jacket: PVC OD: 7.0mm in purple pearl color G. Mesh black & white H. Mesh black OD: 9.20mm

Art No: <b>10064</b>	Art No: <b>10222</b>	Art No: <b>10223</b>
<u> </u>	<u> </u>	<u> </u>





#### INTERCONNECT - GOLD LINE SERIES

- High Purity OCC (Ohno Continue Casting)
- Dual PE and Foam PE insulation ٠
- Aluminium shielding | 144 wires SPC braiding ٠
- Flexible PVC jacket | Cable mesh



- A. Conductor: 80/0.1 OCC copper B. Insulation: PE in blue color
- C. Insulation: FPE in white color D. Shield 1: Alumina mylar
- E. Shield 2: Braid 16/9/0.12 SPC F. Jacket: PVC OD: 7.0mm in purple pearl color G. Mesh black & white H. Mesh black OD: 9.20mm

Art No: <b>10080</b>	Art No: 10214	Art No: 10215
<u> "</u> 1m	۳ <u>0</u> 1,5 m	<u> പ്</u> റ_2m



INTERCONNECT - GOLD LINE SERIES

- High Purity OCC (Ohno Continue Casting)
- Dual PE and Foam PE insulation
- Aluminium shielding | 144 wires SPC braiding
- Flexible PVC jacket | Cable mesh



Gold Plated

- A. Conductor: 80/0.1 OCC copper B. Insulation: PE in blue color
- C. Insulation: FPE in white color D. Shield 1: Alumina mylar
- E. Shield 2: Braid 16/9/0.12 SPC F. Jacket: PVC OD: 7.0mm in purple pearl color G. Mesh black & white H. Mesh black OD: 9.20mm

Art No: <b>10081</b>	Art No: <b>10216</b>	Art No: <b>10217</b>
<u>•0_1m</u>	<u>୯୦</u> 1,5 m	<u> </u>

#### Gold Plated

#### INTERCONNECT - GOLD LINE SERIES

- High Purity OCC (Ohno Continue Casting)
- Dual PE and Foam PE insulation ٠
- Aluminium shielding | 144 wires SPC braiding
- Flexible PVC jacket | Cable mesh



A. Conductor: 80/0.1 OCC copper

Cable Art No: 93150

- B. Insulation: PE in blue color
- C. Insulation: FPE in white color
- D. Shield 1: Alumina mylar E. Shield 2: Braid 16/9/0.12 SPC
- F. Jacket: PVC OD: 7.0mm in purple pearl color G. Mesh black & white H. Mesh black OD: 9.20mm

Art No: 10082 Art No: 10218 Art No: 10219 **₩**0_1m <u>#O_</u> 1,5 m **ٿ**Q_2m



#### INTERCONNECT - GOLD LINE SERIES

#### • High Purity OCC (Ohno Continue Casting)

- Dual PE and Foam PE insulation
- Aluminium shielding | 144 wires SPC braiding
- Flexible PVC jacket | Cable mesh



Cable Art No: 93150

A. Conductor: 80/0.1 OCC copper B. Insulation: PE in blue color

C. Insulation: FPE in white color

D. Shield 1: Alumina mylar

E. Shield 2: Braid 16/9/0.12 SPC F. Jacket: PVC OD: 7.0mm in purple pearl color G. Mesh black & white

H. Mesh black OD: 9.20mm

Art No: 10083 Art No: **10220** Art No: 10221 **ٿ_1m** <u>എ</u>1,5 m "____ 2m Contraction of the

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#### INTERCONNECT - GOLD LINE SERIES

- High Purity OCC (Ohno Continue Casting) | Foam PE
- ٠ Teflon[®] tape wrapping | 128 wires SPC braiding
- Flexible PVC jacket



Cable Art No: 93149

A. Conductor: 1/0.8 OCC copper B. Insulation: FPE in resin color C. Shield : Braid 16/8/0.12 SPC D. Wraping: Teflon® Tape E. Jacket: PVC OD: 6.8mm in white color F. Mesh black & white G. Mesh white OD: 8.8mm

Art No: <b>10071</b>	Art No: <b>10210</b>	Art No: <b>10211</b>
<u> പ</u> 1m	۳ <u>0</u> 1,5 m	<u>୯୦</u> 2m

Capacity Per 1M : 68.80pF Resistance Per 1KM : 38.360hm Cable : 93149 Conn. : 93244 , 93245

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#### INTERCONNECT - GOLD LINE SERIES

- High Purity OCC (Ohno Continue Casting) | Foam PE insulation
- Teflon® tape wrapping | 128 wires SPC braiding
- Flexible PVC jacket



A. Conductor: 1/0.8 OCC copper
 B. Insulation: FPE in resin color

Cable Art No: 93149

**************

C. Shield : Braid 16/8/0.12 SPC

D. Wraping: Teflon® Tape E. Jacket: PVC OD: 6.8mm in white color F. Mesh black & white

G. Mesh white OD: 8.8mm

 Art No: 10079
 Art No: 10212
 Art No: 10213

 tO_1m
 tO_1,5 m
 tO_2m



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Capacity Per 1M : 68.80pF Resistance Per 1KM : 38.36ohm Cable : 93149 Conn. : 93198 , 93199

Rhodium Plated

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#### INTERCONNECT - GOLD LINE SERIES

- High Purity OCC (Ohno Continue Casting) | Foam PE insulation
- Teflon[®] tape wrapping | 128 wires SPC braiding
- Flexible PVC jacket



A. Conductor: 1/08.0CC copper B. Insulation: FPE in resin color C. Shield: #3raid fof&0.12 SPC D. Wraping: Teflon* Tape E. Jacket: PVC OD: 6.8mm in white color F. Mesh black & white G. Mesh white OD: 8.8mm

Art No: <b>10077</b>	Art No: <b>10206</b>	Art No: <b>10207</b>
<b>ٿ1m</b>	<u> പ</u> 1,5 m	<b>⁼</b> 2m

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#### INTERCONNECT - GOLD LINE SERIES

- High Purity OCC (Ohno Continue Casting) | Foam PE insulation
- Teflon[®] tape wrapping | 128 wires SPC braiding
- Flexible PVC jacket

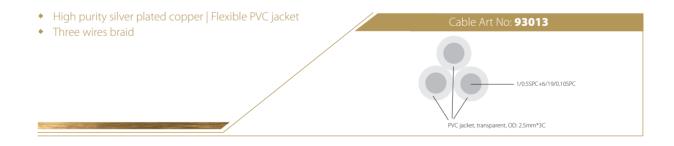


A. Conductor: 1/0.8 OCC copper B. Insulation: FPE in resin color C. Shield : Braid 16/8/0.12 SPC D. Wraping: Teflon® Tape E. Jacket: PVC OD: 6.8mm in white color F. Mesh black & white G. Mesh white OD: 8.8mm



Capacity Per 1M : 72.33pF Resistance Per 1KM : 10.83ohm Cable : 93013 Conn. : 93242 , 93243

Rhodium Plated

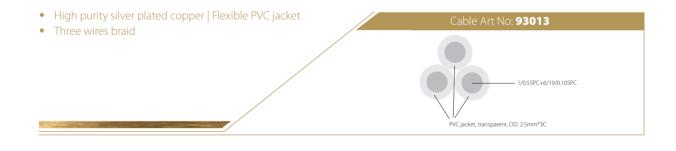


Art No: <b>10088</b>	Art No: <b>10232</b>	Art No: <b>10233</b>	
<u>۳</u> _1m	۳ <u>0</u> 1,5 m	<b>⁼</b> 0_2m	



Capacity Per 1M : 72.33pF Resistance Per 1KM : 10.830hm Cable : 93013 Conn. : 93244 , 93245

#### INTERCONNECT - GOLD LINE SERIES

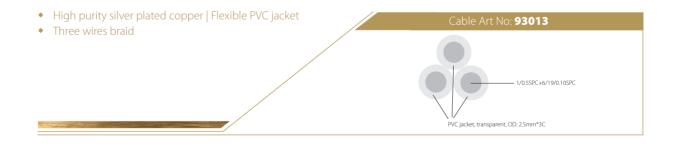


Gold Plated

rt No: <b>10089</b>	rt No: <b>10234</b>	Art No: <b>10235</b>
<b>.</b> ℃_1m	<b>€ 1,5 m</b>	<b>⁼</b> Q_ 2m

Capacity Per 1M : 72.33pF Resistance Per 1KM : 10.83ohm Cable : 93013 Conn. : 93271 , 93272

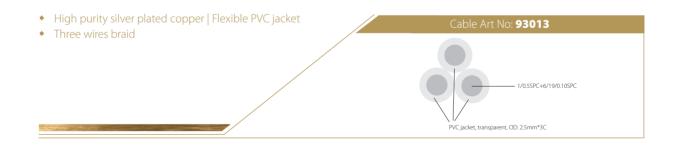
Silver Plated



Art No: <b>10086</b>	Art No: <b>10230</b>	Art No: <b>10231</b>	
<u>୩୦</u> 1m	<u> </u> " 1,5 m	<b>ન્</b> Ω_ 2m	

Capacity Per 1M : 72.33pF esistance Per 1KM : 10.83ohm Cable : 93013 Conn. : 93198 , 93199

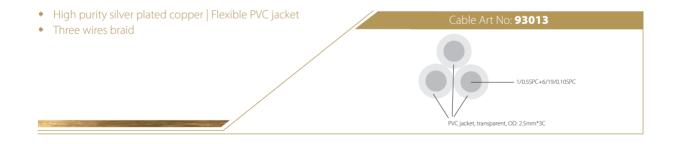
Rhodium Plated





Capacity Per 1M : 72.33pF Resistance Per 1KM : 10.83ohm Cable : 93013 Conn. : 93200 , 93201

Rhodium Plated

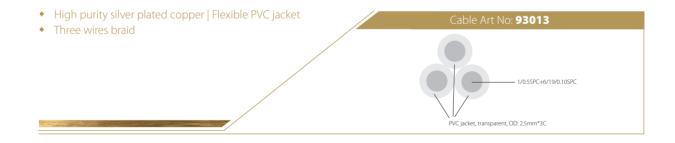


Art No: <b>10084</b>	Art No: 10226	Art No: 10227
<u>പ</u> ്പില	<u> പ</u> 1,5 m	<u>୍</u> ପ_ 2m



Capacity Per 1M : 72.33pF Resistance Per 1KM : 10.83ohm Cable : 93013 Conn. : 93194 , 93195

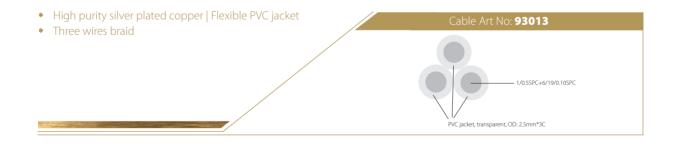
Gold Plated





Capacity Per 1M : 72.33pF Resistance Per 1KM : 10.83ohm Cable : 93013 Conn. : 93196 , 93197

Gold Plated



Art No: 10085         Art No: 10228         Art No: 10229           to_1m         to_1,5 m         to_2m				
ಕ್ರ <u>1m</u> ಕ್ರ <u>1,5 m</u> ಕ್ರ <u>2m</u>	Art No: <b>10085</b>	Art No: <b>10228</b>	Art No: <b>10229</b>	
	• <b>1m</b>	<b>€</b> 1,5 m	<u> പ</u> ്പ 2m	

 Capacity Per 1M
 : 64.33pF

 tesistance Per 1KM
 : 44.4ohm

 Cable
 : 93146

 Conn.
 : 93203 , 93204

Gold Plated

#### INTERCONNECT - GOLD LINE SERIES

#### High purity silver plated copper & Oxygen plated copper | PE insulation

- Cotton yarn filler | Cotton paper wrapping | 128 wires
   OFC braiding
- Flexible PVC jacket | Cable mesh





A Conductor: 1/0.2 SPC + 6/8/0.1 OFC B. Insulation: PE in red & white color C. Filler: Cotton yam D. Wrapping: Cotton paper E. Shielding: Braid 128/0.10 OFC F. PVC Lacket OD: 7.5mm in brown color G. Mesh OD: 8.5mm in brown color



apacity Per 1M : 64.33pF esistance Per 1KM : 44.40hm able : 93146 onn. : 93209 , 93210



#### INTERCONNECT - GOLD LINE SERIES

- High purity silver plated copper & Oxygen plated copper | PE insulation
- Cotton yarn filler | Cotton paper wrapping | 128 wires
   OFC braiding
- Flexible PVC jacket | Cable mesh



Cable Art No: 93146

A Conductor: 1/0.2 SPC + 6/8/0.1 OFC B. Insulation: PE in red & white color C. Filler: Cotton yam D. Wrapping: Cotton paper E. Shielding: Braid 128/0.10 OFC F. PVC Jacket OD: 7.5mm in brown color G. Mesh OD: 8.5mm in brown color

Art No: <b>10070</b>	Art No: <b>10282</b>	Art No: <b>10283</b>
<u>۳</u> 0_1m	۳ <u>0</u> 1,5 m	₹ <u>0</u> 2m

Capacity Per 1M : 64.33pF Resistance Per 1KM : 44.40hm Cable : 93146 Conn. : 93211 , 93212

Gold Plated

#### INTERCONNECT - GOLD LINE SERIES

### • High purity silver plated copper & Oxygen plated copper | PE insulation

- Cotton yarn filler | Cotton paper wrapping | 128 wires
   OFC braiding
- Flexible PVC jacket | Cable mesh



Cable Art No: 93146

A. Conductor: 1/0.2 SPC + 6/8/0.1 OFC B. Insulation: PE in red & white color C. Filler: Cotton yarn D. Wrapping: Cotton paper E. Shielding: Braid 128/0.10 OFC F. PVC Jacket OD: 7.5mm in brown color G. Mesh OD: 8.5mm in brown color



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Capacity Per 1M : 64.33pF Resistance Per 1KM : 44.4ohm Cable : 93145 Conn. : 93200 , 93201

TTETE · 93145 · ULTIMATE SEDIES

Rhodium Plated

#### INTERCONNECT - GOLD LINE SERIES

- High Purity Oxygen Free Copper | Foam PE insulation
- Dual OFC braiding | Flexible PVC jacket

Conductor: 7/0.4 OFC
 Insulation: FPE in resin color
 Shield 1: Braid 16/7/0.12 OFC
 Shield 2: Braid 24/6/0.12 OFC
 Jacket: PVC OD: 8.5 mm in pearl blue



Capacity Per 1M : 64.33pF Resistance Per 1KM : 44.4ohm Cable : 93145 Conn. : 93242 , 93243

TTER · 93145 · ULTIMATE SERIES

Rhodium Plated

#### INTERCONNECT - GOLD LINE SERIES

- High Purity Oxygen Free Copper | Foam PE insulation
- Dual OFC braiding | Flexible PVC jacket



Cable Art No: 93145

Conductor: 7/0.4 OFC
 Insulation: FPE in resin color
 Shield 1: Braid 16/7/0.12 OFC
 Shield 2: Braid 24/6/0.12 OFC
 Jacket: PVC OD: 8.5 mm in pearl blue

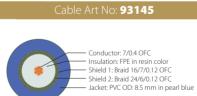


Capacity Per 1M : 64.33pF Resistance Per 1KM : 44.4ohm Cable : 93145 Conn. : 93244 , 93245

TTETE · 93145 · ULTIMATE SERIES



- High Purity Oxygen Free Copper | Foam PE insulation
- Dual OFC braiding | Flexible PVC jacket



Gold Plated

Art No: <b>10108</b>	Art No: <b>10290</b>	Art No: 10291	
<b></b>	<b>⁼</b> 0_ 1,5 m	<b>⁼</b> Q_2m	



Capacity Per 1M : 69.75pF Resistance Per 1KM : 34.14ohm Cable : 93145 Conn. : 93205 , 93206

TTRIF' · 93145 · ULTIMATE SERIES

INTERCONNECT - GOLD LINE SERIES

- High Purity Oxygen Free Copper | Foam PE insulation
- Dual OFC braiding | Flexible PVC jacket



Gold Plated

– Conductor: 7/0.4 OFC – Insulation: FPE in resin color – Shield 1: Braid 16/7/0.12 OFC – Shield 2: Braid 24/6/0.12 OFC – Jacket: PVC OD: 8.5 mm in pearl blue

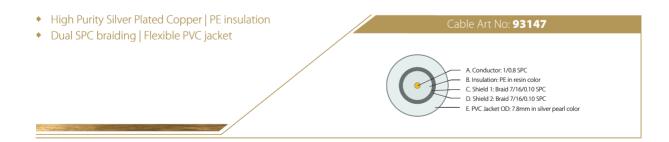
Art No: <b>10066</b>	Art No: <b>10284</b>	Art No: <b>10285</b>	
<u> </u>	<u>୯୦</u> 1,5 m	<u>•</u> 2m	



Capacity Per 1M : 77.97pF esistance Per 1KM : 37.58ohm Cable : 93147 Conn. : 93196 , 93197

Gold Plated

## INTERCONNECT - GOLD LINE SERIES



Art No: <b>10099</b>	Art No: <b>10268</b>	Art No: <b>10269</b>
<u>.</u> വ 1m	<u>۳</u> 0_ 1,5 m	<u> പ</u> ്പ 2m



apacity Per 1M : 77.97pF esistance Per 1KM : 37.58ohm able : 93147 fonn. : 93223 , 93224

Gold Plated

## INTERCONNECT - GOLD LINE SERIES



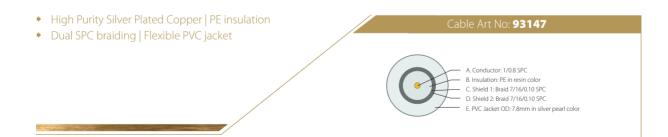
Art No: <b>10100</b>	Art No: <b>10270</b>	Art No: <b>10271</b>	
۳ <b>0_1m</b>	۳ <u>0</u> 1,5 m	<u> </u>	
		/	



apacity Per 1M : 77.97pF esistance Per 1KM : 37.58ohm able : 93147 conn. : 93235 , 93236

Gold Plated

#### INTERCONNECT - GOLD LINE SERIES



Art No: <b>10073</b>	Art No: <b>10266</b>	Art No: 10267
	<u> പ</u> 1,5 m	<u>୩୦</u> 2m



Capacity Per 1M : 57.06pF Resistance Per 1KM : 31.26ohm Cable : 93143 Conn. : 93207 , 93208



- High Purity Oxygen Free Copper | Foam PE
   Insulation
- Aluminium shielding | 144 wires TC braiding
- Flexible PVC jacket



Gold Plated

A. Conductor: 19 / 0.2 Oxygen free copper
B. Insulation : FPE in resin color
C. Shield 1: AL mylar

Cable Art No: 93143

D. Shielding 2 : Braid 144 / 0.12 TC
 E. PVC Jacket OD: 8.5mm in pearl orange color

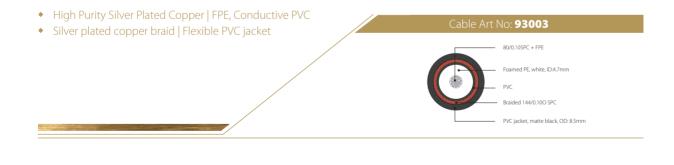




Capacity Per 1M : 69.17pF Resistance Per 1KM : 29ohm Cable : 93003 Conn. : 93266 , 93267

· PRECISION SERIES · ULTRA HI-PURITY OF





Art No: <b>10557</b>	Art No: <b>10558</b>	Art No: 10559	
<b>ٿ1m</b>	<u>۳</u> 0_ 1,5 m	۳ <u>0</u> 2 m	



Capacity Per 1M : 69.17pF Resistance Per 1KM : 29ohm Cable : 93003 Conn. : 93203 , 93204

A



<ul> <li>High Purity Silver Plated Copper   FPE, Conductive PVC</li> <li>Silver plated copper braid   Flexible PVC jacket</li> </ul>	Cable Art No: 93003
	80/0.105PC + FPE
	Foamed PE, white, ID:4.7mm
	PVC Braided 144/0.100 SPC
	PVC jacket, matte black, OD: 8.5mm

			/
Art No: 10116	Art No: <b>10316</b>	Art No: 10317	
<b>1m</b>	<b>⁼</b> 0_ 1,5 m	<u> </u>	



 Capacity Per 1M
 : 69.17pF

 Resistance Per 1KM
 : 29ohm

 Cable
 : 93003

 Conn.
 : 93211, 93212



<ul> <li>High Purity Silver Plated Copper   FPE, Conductive PVC</li> <li>Silver plated copper braid   Flexible PVC jacket</li> </ul>	Cable Art No: <b>93003</b>
	80/0.10SPC + FPE
	Foamed PE, white, ID:4.7mm
	PVC
	Braided 144/0.100 SPC
	PVC jacket, matte black, OD: 8.5mm

Art No: <b>10118</b>	Art No: <b>10320</b>	Art No: <b>10321</b>	
<u>۳</u> 0_1m	<u>۳</u> 0_ 1,5 m	₹ <u>0</u> 2m	



Capacity Per 1M : 69.17pF esistance Per 1KM : 29ohm Cable : 93003 Conn. : 93231 , 93232



<ul> <li>High Purity Silver Plated Copper   FPE, Conductive PVC</li> <li>Silver plated copper braid   Flexible PVC jacket</li> </ul>	Cable Art No: <b>93003</b>
	80/0.10SPC + FPE
	Foamed PE, white, ID:4.7mm
	PVC
	Braided 144/0.100 SPC
	PVC jacket, matte black, OD: 8.5mm

Art No: <b>10060</b>	o: <b>10308</b>	Art No: <b>10309</b>
<b>ٿ</b> ⊙_1m	<b>୯୦_ 1,5 m</b>	<b>⁼</b> 0_2m



Capacity Per 1 M : 69.17pF Resistance Per 1 KM : 290hm Cable : 93003 Conn. : 93237 , 93237



<ul> <li>High Purity Silver Plated Copper   FPE, Conductive PVC</li> <li>Silver plated copper braid   Flexible PVC jacket</li> </ul>	Cable Art No: 93003
	80/0.10SPC + FPE
	Foamed PE, white, ID:47mm PVC
	Braided 144/0.100 SPC PVC jacket, matte black, OD: 8.5mm

Art No: 10114         Art No: 10310         Art No: 10311           TO_1m         TO_15 m         Art No: 10311				
र <b>् 1</b> m र <b>् 1,5 m र</b> ् 2m	Art No: <b>10114</b>	Art No: <b>10310</b>	Art No: <b>10311</b>	
	•1m	<u>୯୦</u> 1,5 m	<u>୯୦</u> . 2m	



apacity Per 1M : 74.19pF esistance Per 1KM : 38.5ohm able : 93004 conn. : 93266 , 93267







apacity Per 1M : 74.19pF esistance Per 1KM : 38.5ohm able : 93004 fonn. : 93215 , 93216





٠	High Purity OFC Conductor   Hollow PE tube	Cable Art No: <b>93004</b>
•	insulation Aluminium shielding 144 wires OFC braid   PVC jacket	2.0w*0.25t Flat copper
		Air PE tube, ID: 5.5mm
		Aluminum
		Braided 144/0.120FC
		PVC jacket, matte color, OD:8.5mm

Art No: <b>10046</b>	Art No: 10342	Art No: <b>10343</b>	
<u>୯୦</u> 1m	പ്ര 1,5 m	<u> ಇ೦_ 2</u> r	n



Capacity Per 1M : 74.19pF Resistance Per 1KM : 38.5ohm Cable : 93004 Conn. : 93233 , 93234



Gold Plated

# INTERCONNECT - SILVER LINE SERIES

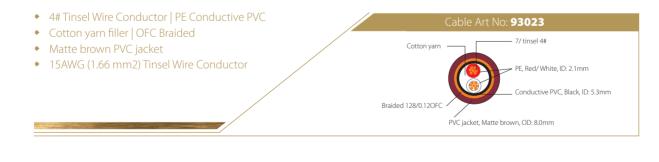
 High Purity OFC Conductor | Hollow PE tube insulation Aluminium shielding
 144 wires OFC braid | PVC jacket
 Air PE tube, ID: 5.5mm Aluminum Braided 144/0.120FC PVC jacket, matte color, OD8.5mm

Art No: <b>10058</b>	Art No: <b>10328</b>	Art No: <b>10329</b>	
<u>t</u> O_1m	<b>.</b> ℃_ 1,5 m	۳ <u>0</u> 2m	



Capacity Per 1M : 192.82pF Resistance Per 1KM : 147.23ohm Cable : 93023 Conn. : 93196 , 93197

# INTERCONNECT - SILVER LINE SERIES



Gold Plated

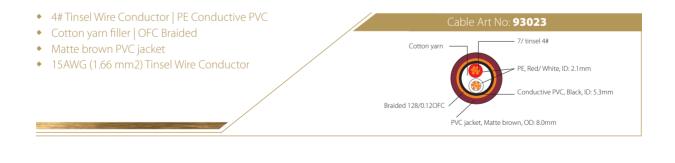
Art No: <b>10113</b>	Art No: <b>10302</b>	Art No: 10303
<u>ଏ</u> ୁ 1m	<u>یں</u> 1,5 m	<b>ٿ2m</b>



Capacity Per 1M : 192.82pF Resistance Per 1KM : 147.23ohm Cable : 93023 Conn. : 93231 , 93232







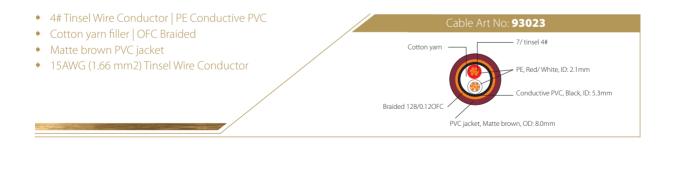
Art No: <b>10074</b>	Art No: <b>10292</b>	Art No: <b>10293</b>	
₹Q_1m	•	۳۵_ 2m	



Capacity Per 1M : 192.82pF Resistance Per 1KM : 147.23ohm Cable : 93023 Conn. : 93219 , 93220







Art No: <b>10059</b>	Art No: <b>10306</b>	Art No: <b>10307</b>
<u>പ</u> വല	<u> പ</u> 1,5 m	<u>୩୦</u> 2m

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Capacity Per 1M : 67.64pF Resistance Per 1KM : 20.44ohm Cable : 93144 Conn. : 93211 , 93212

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#### INTERCONNECT - SILVER LINE SERIES

- High Purity Oxygen Free Copper | Foam PE
   insulation
- Aluminium shielding | 128 wires OFC Braiding Flexible PVC jacket

Cable Art No: 93144

A. Conductor: 1/1.13 Oxygen free copper
 B. Insulation : FPE in resin color
 C. Shield 1: AL mylar
 D. Shielding 2: Braid 128 / 0.12 OFC
 E. Inner Jacket OD. PVC OD: 6.85mm
 F. Jacket : PVC OD: 8.5mm in yellow cream color





Capacity Per 1M : 67.64pF Resistance Per 1KM : 20.44ohm Cable : 93144 Conn. : 93209 , 93210

# INTERCONNECT - SILVER LINE SERIES

- High Purity Oxygen Free Copper | Foam PE insulation
- Aluminium shielding | 128 wires OFC Braiding Flexible PVC jacket



DETOR & DUAL ISOLATIONS

Cable Art No: 93144

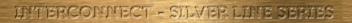
Gold Plated

A. Conductor: 1/1.13 Oxygen free copper
 B. Insulation : FPE in resin color
 C. Shield 1: AL mylar
 D. Shield 1: AL mylar
 D. Shielding 2: Braid 128 / 0.12 OFC
 E. Inner Jacket OD: PVC OD: 6.85mm
 F. Jacket : PVC OD: 8.5mm in yellow cream color

Art No: <b>10131</b>	Art No: <b>10366</b>	Art No: 10367
<u>പ്പ</u> 1m	<u> പോ 1,5 m</u>	<u>୯୦_ 2m</u>



Capacity Per 1M : 67.64pF Resistance Per 1KM : 20.440hm Cable : 93144 Conn. : 93207 , 93208



- High Purity Oxygen Free Copper | Foam PE insulation
- Aluminium shielding | 128 wires OFC Braiding Flexible PVC jacket

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Cable Art No: 93144

A. Conductor: 1/1.13 Oxygen free copper
 B. Insulation : FPE in resin color
 C. Shield 1: AL: mylar
 D. Shield in 24. Braid 124 / 0.12 OFC
 E. Inner Jacket OD: PVC OD: 6.85mm
 F. Jacket : PVC OD: 8.5mm in yellow cream color



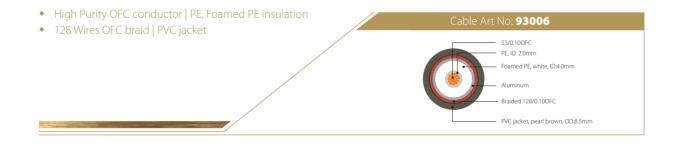


Capacity Per 1M : 74.74pF Resistance Per 1KM : 41.4ohm Cable : 93006 Conn. : 93244 , 93245



Gold Plated

#### INTERCONNECT - EXTREME LINE SERIES

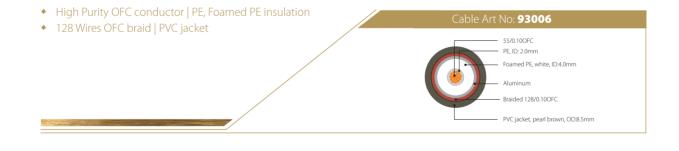


Art No: <b>10150</b>	Art No: <b>10408</b>	Art No: <b>10409</b>
<u> പ</u> ോ	<u> പ</u> 1,5 m	<u> ୩୦</u> 2m



Capacity Per 1M : 63.83pF Resistance Per 1KM : 42.7ohm Cable : 93006 Conn. : 93215 , 93216





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#### INTERCONNECT - EXTREME LINE SERIES

	High Purity OFC Conductor   Foamed PE insulation	Cable Art No: <b>93005</b>
•	Aluminium shielding	
٠	128 wires OFC braid   PVC Jacket	55/0.100FC
		Foamed PE, white, ID: 4.0mm
		Aluminum
		Braided 128/0.100FC
		PVC jacket, pearl brown color, OD: 8.0mm

Art No: <b>10026</b>	Art No: <b>10398</b>	Art No: <b>10399</b>
	<u> പ</u> 1,5 m	<u> </u>



Capacity Per 1M : 63.83pF Resistance Per 1KM : 42.7ohm Cable : 93005 Conn. : 93196 , 93197



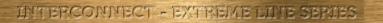
# INTERCONNECT - EXTREME LINE SERIES







apacity Per 1M : 63.83pF esistance Per 1KM : 42.7ohm able : 93005 conn. : 93223 , 93224



High Purity OFC Conductor   Foamed PE insulation	Cable Art No: <b>93005</b>
<ul> <li>Aluminium shielding</li> <li>128 wirse OEC braid LDVC baskat</li> </ul>	55/0.100FC
128 wires OFC braid   PVC Jacket	Foamed PE, white, ID: 4.0mm Aluminum Braided 128/0.100FC PVC jacket, pearl brown color, OD: 8.0mm

Gold Plated

Art No: <b>10032</b>	Art No: <b>10394</b>	Art No: <b>10395</b>
1m	<u>۳</u> _ 1,5 m	₹Q_ 2m





Capacity Per 1M : 64.65pF Resistance Per 1KM : 45oh Cable : 93002 Conn. : 93219 , 93220



#### INTERCONNECT - EXTREME LINE SERIES

High Purity Oxygen Free Copper   Foamed PE insulation	Cable Art No: <b>93002</b>
Aluminium shielding	50/0.100FC
128 wires OFC braid   PVC jacket	FPE, White, ID: 3.9mm Aluminum Braided 128/0.100FC
	PVC jacket, Pearl silver color, OD:8.0mm

Art No: 10028 Art No: 10432 Art No: 10433
-------------------------------------------





Capacity Per 1M : 61.42pF Resistance Per 1KM : 28.80hm Cable : 93001 Conn. : 93219 , 93220



High Purity OFC Conductor   Foamed PE Insulation	Cable Art No: 93001
Aluminium shielding   144 wires OFC braid   PVC Jacket	80/0.100FC
	Foamed PE, white, ID: 4.9mm
	Aluminum
	Braided 144/0.100FC
	PVC jacket, pearl white, OD: 8.0mm

CLOR & DUAL ISOLATIONS

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Art No: 10029         Art No: 10386         Art No: 10387           TO1m         TO15 m         TO2m				
t1m t1,5 m t 2m	Art No: 10029	Art No: 10386	Art No: <b>10387</b>	
	<u>۳</u> 0_ 1m	<u>୯୦</u> 1,5 m	<b>⁼</b> O_ 2m	



Capacity Per 1M : 61.42pF Resistance Per 1KM : 28.8ohm Cable : 93001 Conn. : 93211 , 93212



## INTERCONNECT - EXTREME LINE SERIES

High Purity OFC Conductor   Foamed PE Insulation	Cable Art No: <b>93001</b>
Aluminium shielding   144 wires OFC braid   PVC Jacket	80/0.100FC
	Foamed PE, white, ID: 4.9mm
	Aluminum
	Braided 144/0.100FC
	PVC jacket, pearl white, OD: 8.0mm



Capacity Per 1M : 64.76pF Resistance Per 1KM : 58.20hm Cable : 93007 Conn. : 93239 , 93240

INTERCONNECT - BASIC LINE SERIES



Gold Plated

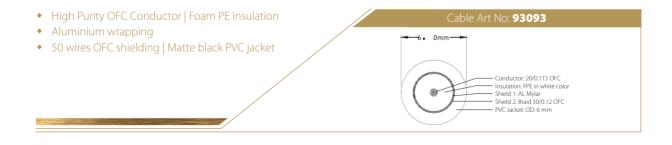
Art No: <b>10056</b>	Art No: 10442	Art No: 10443
<u> പ</u> 1m	<u>۳</u> 0_ 1,5 m	• <b> 2m</b>



Capacity Per 1M : 69.95pF Resistance Per 1KM : 90.80hm Cable : 93093 Conn. : 93241 , 93241



#### INTERCONNECT - BASIC LINE SERIES









◆ 93299 / 93300 ◆

- Type: Schuko Rhodium Plated Conductors
- Special Cable diameter up to 21mm²
- Dimensions: Body length 38mm Overall Length 103mm
- Material: Aluminium
- Rating: 10A / AC 250V Class I

- Type: IEC 2-pole+earth
- Rhodium plated conductors
- Special for cable diameter up to 21mm²
- Dimensions:body length 38mm x 90mm overall length
- Material: Aluminium
- Rating:10A / 250V AC



◆ 93288 / 93289

- Type: Schuko two round pin type
- Rhodium plated conductor
- Special for cable diameter from 7.0mm² to 18.0mm²
- Dimensions: Body length 38mm diameter X 84mm overall length
- Material: Carbon Fiber CoatedBody
- Rating:10A / AC 250V Class I

- Type: IEC 2-pole+earth
- Rhodium plated conductor
- Specified for cable diameters of 7.0mm² to 18.0mm²
- Dimensions: Body length 38mm diameter x 72mm overall length
- Material: Carbon Fiber CoatedBody
- Rating:10A / 250V AC



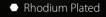
• 93124 / 93125



- Type: Schuko two round pin type
- Rhodium plated conductor
- Special for cable diameter from 7.0mm² to 18.0mm²
- Dimensions: Body length 38mm diameter X 84mm overall length
- Material: Carbon Fiber CoatedBody
- Rating:10A / AC 250V Class I

- Type: IEC 2-pole+earth
- Rhodium plated conductor
- Specified for cable diameters of 7.0mm² to 18.0mm²
- Dimensions: Body length 38mm diameter x 72mm overall length
- Material: Carbon Fiber CoatedBody
- Rating:10A / 250V AC





# • 93254 / 93255



- Insulation Resistance: Over 100m Ω at 500V DC.
- Dielectric strength: 2000V AC 1 Minute.
- Body Marerial : Thermoplastic 94V 2 √ V 0.
- Terminals plated with Rhodium
- The intended flexible cord:
- a. Cord Size 0.75mm² 1.5mm²
- b. Total Number of conductors 3 Conductor
- c. Overall cord diameter 10.0mm

- Insulation Resistance: Over 100m  $\Omega$  at 500V DC.
- Dielectric strength: 2000V AC 1 Minute.
- ▶ Body Marerial : Thermoplastic 94V 2-V 0.
- Terminals plated with Rhodium
- The intended flexible cord:
- a. Cord Size 0.75 mm²  $\rightarrow 1.5$  mm²
- b. Total Number of conductors 3 Conductor
- c. Overall cord diameter 10.0mm

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# 93110 / 93111

- Type: Schuko 2-pole+earth
- Rhodium Plated Conductors
- Materials: Front body Nylon/PC/Copper
- Shell polycarbonate
- Connections: New clamp design set-screws
- Specifications: Accommodates cable diameters from 7.0mm² to 18.0mm²
- Dimensions: Body length 64.0mm x 39.0mm diameter x 83mm overall length
- Rated: 10A / AC250V Class I

- Type: IEC 2-pole+earth
- Rhodium Plated Conductors

•

- Specified for cable diameters of 7.0mm² to 18.0mm²
- Dimensions: Body length 38mm diameter x 72mm
   overall length
- Material: Nylon/PC/Copper
- Shell polycarbonate
- Rating:10A 250V AC



• 93057 / 93058 •

- Type: Schuko 2-pole+earth
- 24k Gold-Plated Conductors
- Materials: Front body Nylon/PC/copper
- Shell polycarbonate
- Connections: New clamp design set-screws
- Specifications: Accommodates cable diameters from 7.0mm² to 18.0mm²
- Dimensions: Body length 64.0mm x 39.0mm diameter x 83mm overall length
- Rated: 10A / AC250V Class I

- Type: IEC 2-pole+earth
- 24k Gold-Plated Conductors
- Specified for cable diameters of 7.0mm² to 18.0mm²
- Dimensions: Body length 38mm diameter x 72mm overall length
- Material: Nylon/PC/Copper
- Shell polycarbonate
- Rating:10A 250V AC



#### POWER CONNECTORS

## • 93320 / 93312



- Insulation Resistance: Over 100m  $\Omega$  at 500V DC.
- Dielectric strength: 2000V AC 1 Minute.
- Body Marerial : Thermoplastic 94V 2-V 0.
- 20A 125V / 16A 250V

- Insulation Resistance: Over 100m  $\Omega$  at 500V DC.
- Dielectric strength: 2000V AC 1 Minute.
- Body Marerial : Aluminium
- 20A 125V / 16A 250V



#### POWER CONNECTORS

• 93256 / 93259

- Insulation Resistance: Over 100m  $\Omega$  at 500V DC.
- Dielectric strength: 2000V AC 1 Minute.
- ▶ Body Marerial : Thermoplastic 94V 2-V 0.
- Terminals plated with Rhodium
- The intended flexible cord:
- a. Cord Size 0.75mm² 1.5mm²
- b. Total Number of conductors 3 Conductor
- c. Overall cord diameter 10.0mm

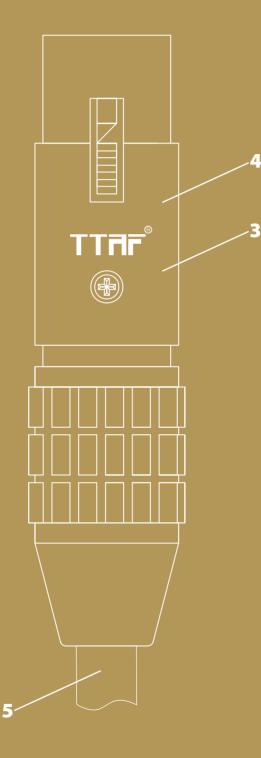
- Insulation Resistance: Over 100m Ω at 500V DC.
- Dielectric strength: 2000V AC 1 Minute.
- ▶ Body Marerial : Thermoplastic 94V 2→V 0.
- Terminals plated with Gold
- The intended flexible cord:
- a. Cord Size 0.75mm² 1.5mm²
- b. Total Number of conductors 3 Conductor
- c. Overall cord diameter 10.0mm



#### POWER CONNECTORS

93290

- Insulation Resistance: Over 100m  $\Omega$  at 500V DC.
- Dielectric strength: 2000V AC 1 Minute.
- Body Marerial : Carbon Fiber Coated
- Terminals plated with Rhodium
- The intended flexible cord:
- a. Cord Size 0.75mm² 1.5mm²
- b. Total Number of conductors 3 onductors
- c. Overall cord diameter 10.0mm



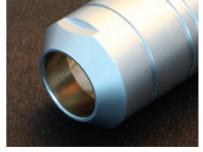
- 1. Contact Material + Finished
- 2. Pin Holder
- 3. Contact Area
- 4. Body (Shell)
- 5. Hole Dia











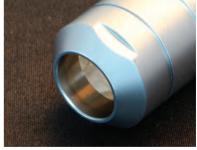
- 1. Contact Pins : Tellurium Copper (Rhodium Plated
- 2. PBT
- 3. Solde
- 4. Brass (Shel
- 5 11.00mm











- 1. Condact Pins: Phosphor Bronze (Rhodium Plated
- 2. PBT
- 3. Solde
- 4 Brass (Shel
- 5 11.00mm











- 1. Contact Pins: Teryllium Copper (Rhodium Plated
- 2. PBT
- 3. Solde
- 4 Brass (shell)
- 5 12.00mm











- 1. Contact Pins: Phosphor Bronze (Rhodium Plated
- 2. PBT
- 3. Solc
- 4 Brass
- 5 12.00mm









- 1. Brass + Gold
- 2. Brass + Gold
- 3. Solder
- 4. Brass + Black Paintee
- 5. 8.40mm



















93191 / 93192

•

- 1. Brass + Rhodium
- 2. Brass + Rhodium
- 3. Screw
- 4 Aluminu
- 5 76mm









93189 / 93190

+

- 1. Brass + Gold
- 2. Brass + Gold
- 3. Screw
- 4. Alumin
- 5. 7.6mm









93303

4

- 1. Rhodium
- 2. Brass + Rhodium
- 3. Screw
- 4. -
- 5. 7,6 mn

 $^{\circ}$ 









93180 / 93181

•

- 1. Brass + Gold
- 2. N/A
- 3. Screw
- 4. Glass+ Carbon Fiber
- 5. 6.20mm









•

- 1. Brass + Gol
- 2. N/A
- 3. Screv
- 4. Glass + Carbon Fiber
- 5. 6.20mm









93176 / 93177

- 1. Brass + Gold
- 2. Brass+Gold
- 3. Screw
- 4. Glass+ Carbon Fiber
- 5. 6.20mm





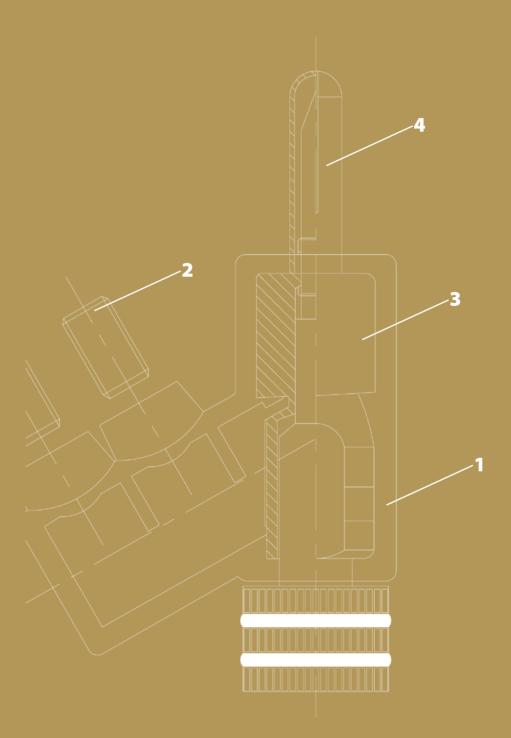




93175 / 93174

•

- 1. Brass + Gold
- 2. Brass+ Gold
- 3. Screw
- 4. Glass+ Carbon Fiber
- 5. 6.20mm



- 1. Body Cove
  - Screw
- 3. Main Bo
- 4. Contact Pir









93306 / 93307 🔸

•

- 1. Mitsubishi (IRD70) Transparen
- 2. Brass + Gold
- 3. Brass + Gold
- 4. Brass + Gold

ò









93186 / 93187

- 1. Condact pin: Beryllium copper (Rhodium Plated
- 2. Screw
- 3. Thermo Plastic
- 4. 9.0mm









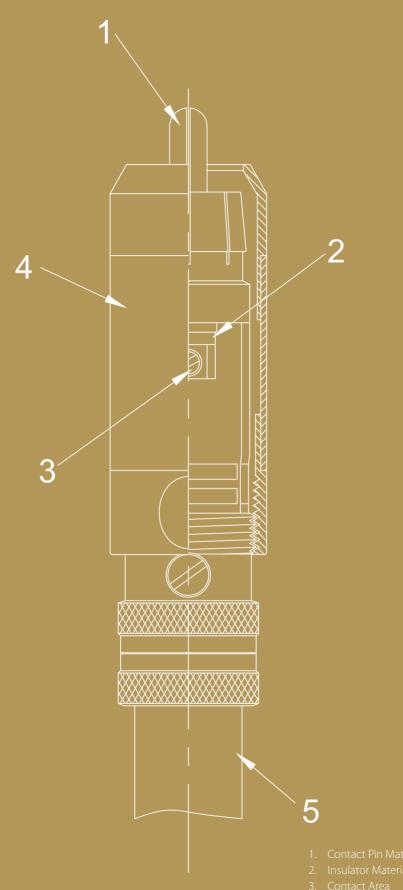
93184 / 93185

- 1. Condact Pin: Beryllium Copper (Gold Plated)
- 2. Screw
- 3. Thermo Plastic
- 4. 9.0mm

# Connection to the **BEST SOUND!**



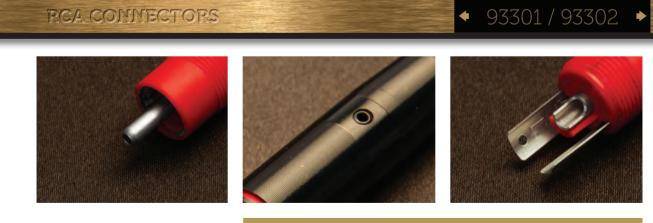




- 1 Rody Matorial L Finished
- 5. Dia of hole



Rhodium Plated



- 1. TE Copper W / Rhodium Plated
- 2. PBT
- 3. Solde
- 4. Aluminium W / Black Anodized
- 5. 10.5mm



Rhodium Plated

#### RCA CONNECTORS







93242 / 93243

- 1. Phospor Bronze (Rhodium Plated) Center Pin
- 2. PBT
- 3. Sold
- 4. Brass (Shell)
- 5. 9.10mm
- 6. Ground Pin: Beryllium Copper (Rhodium Plated)



Gold Plated

#### RCA CONNECTORS







93244 / 93245

•

- 1. Phospor Bronze (Gold Plated) Center Pin
- 2. PBT
- 3. Sold
- 4. Brass (Shell)
- 5. 9.10mm
- 6. Ground Pin: Beryllium Copper (Gold Plated)

 $\circ$ 



Rhodium Plated

•

#### RCA CONNECTORS







93200 / 93201

- 1. Tellurium Copper + Rhodium Platec
- 2. Teflor
- 3. Screv
- 4. Brass + Zinc Allov
- 5. 9.1mm



Rhodium Plated

#### RCA CONNECTORS







93198 / 93199

- 1. Tellurium Copper + Rhodium PlatedTeflor
- 2. Teflon
- 3. Screw
- 4. Brass with Zinc Alloy Coated + Top Coat with Swarovski Diomand
- 5. 12.0mm



Silver Plated

#### RCA CONNECTORS







•

- 1. Copper + Silve
- 2. Teflon
- 3. Screw
- 4. Brass + Matte Black Coated
- 5. 8.2mm



#### RCA. CONNECTORS







93213 / 93214

•

- 1. Copper + Gold
- 2. Teflon
- 3. Screv
- 4. Brass + Matte Black Coated
- 5. 8.2mm



Silver Plated

#### RCA CONNECTORS







◆ 93266 / 93267 ◆

- 1. Brass + Silve
- 2. Teflon
- 3. Screw
- 4. Brass + Matte Black Coated
- 5. 9.1mm



#### RCA CONNECTORS







93215 / 93216 🔸

•

- 1. Brass + Gold
- 2. Teflon
- 3. Screw
- 4. Brass + Matte Black Coated
- 5. 9.1mm





#### RCA CONNECTORS







- 2. Teflon
- 3 Screv
- 4 Glass+Fiber Gla
- 5. 9.3mn

### 93211 / 93212

+





Gold Plated

#### RCA CONNECTORS







♦ 93209 / 93210 ♦

- 1. Brass + Gol
- 2. Teflor
- 3. Screv
- 4. Glass+Fiber Glass
- 5. 9.3mm



#### RCA CONNECTORS







◆ 93207 / 93208 ◆

- 1. Brass + Gol
- 2. Teflor
- 3. Screv
- 4. Glass+Fiber Glass
- 5. 9.3mm



#### RCA CONNECTORS







◆ 93205 / 93206 ◆

- 1. Brass + Gol
- 2. Teflor
- 3. Screv
- 4. Glass+Fiber Glass
- 5. 9.3mm



#### RCA CONNECTORS







♦ 93203 / 93204 ♦

- 1. Brass + Gol
- 2. Teflor
- 3. Screv
- 4. Glass+Fiber Glass
- 5. 9.3mm



#### RCA CONNECTORS







93196 / 93197

•

- 1. Brass + Gol
- 2. Teflor
- 3. Screv
- 4. Glass+ Carbon Fibe
- 5. 9.3mm



#### RCA CONNECTORS







93194 / 93195

•

- 1. Brass + Gol
- 2. Teflon
- 3. Screv
- 4. Glass+ Carbon Fiber
- 5. 9.3mm



#### RCA CONNECTORS







93233 / 93234

•

- 1. Brass + Gol
- 2. Teflor
- 3. Solde
- 4. Brass + Nicke
- 5. 10.4mm

#### RCA CONNECTORS







◆ 93219 / 93220 ◆

- 1. Brass + Gol
- 2. Teflor
- 3. Screv
- 4. Brass + Nicke
- 5. 8.3mm



#### RCA. CONNECTORS







93221 / 93222 🔸

•

- 1. Brass + Gol
- 2. Teflon
- 3. Screv
- 4. Wood Pattern
- 5. 8.1mm



#### RCA. CONNECTORS







93223 / 93224

•

- 1. Brass + Gol
- 2. Teflor
- 3. Screv
- 4. Brass + Nicke
- 5 83mm



#### RCA CONNECTORS







93231 / 93232

4

- 1. Brass + Gol
- 2. Teflon
- 3. Solde
- 4. Brass + Nickel
- 5. 10.0mm



#### RCA CONNECTORS





- 1. Brass + Gol
- 2. leflon
- 3. Solde
- 4. Brass + G
- 5. 9.50mm

### ♦ 93311 / 93310 ♦





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#### RCA CONNECTORS







93235 / 93236 🔸

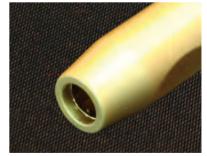
- 1. Brass + Gol
- 2. Teflon
- 3. Screv
- 4. Brass + Striped with Grey Coated
- 5. 8.5mm



#### RCA CONNECTORS







93241

4

- 1. Brass + Gol
- 2. Teflon
- 3. Solde
- 4 Brass + Go
- 5 75mm



#### RCA CONNECTORS



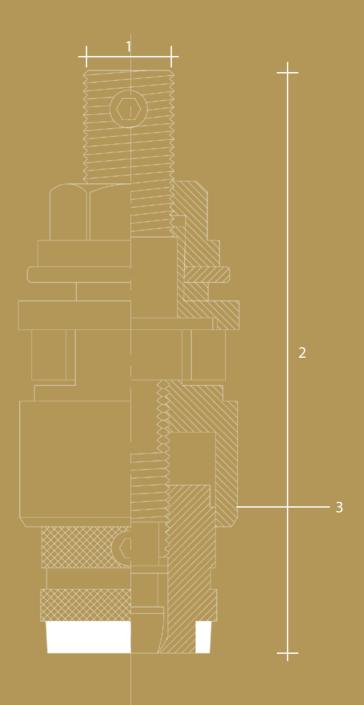




93239 / 93240 🔸

+

- 1. Brass + Gol
- 2. Teflon
- 3. Screw
- 4. Brass + Pearl White Coated
- 5. 6.5mm





#### BINDING POST CONNECTORS







• 93304 / 93305

- 1. M9.0xP0.7
- 2. 54,5 ± 0,30
- 3. Brass + Gold



4

#### BINDING POST CONNECTORS







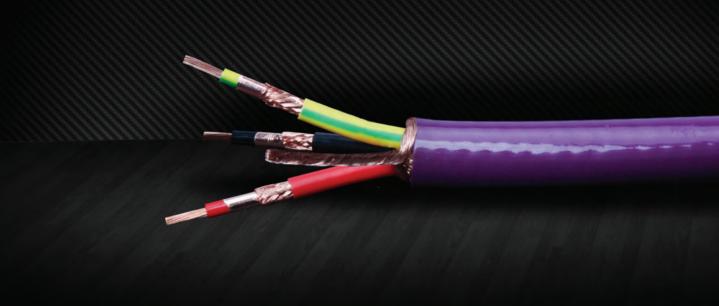
93273 / 93274

- 1. M 4.5 ± 0,2
- 2. 46,8 ± 0,50
- 3. Brass + Gold



#### **ः TTत**

Capacity Per 1M : 73pF Resistance Per 1KM : 80hm



#### POWER - GOLD LINE SERIES

- Test Voltage
- Conductor Resistance (max.)
- Insulation Resistance
- Bending Radius (fixed)

#### : 2500 V

- : 8.0 Ω/km
- :>5000 M Ω.km
- : 10x Cable Diameter

Conducto: 53402.45mm (Siz 5mm?) Stranded GFC Wins ______ Ownall Screen: GFC Copper Wite Braking 5% Coverage ______ Straats: 016.6mm PUR, Purglt ______ Individual Inner Straats: 66.5mm PVR: Black, Red, Yellow / green rent]ens Poett; 012.0m, Speid Fleibh PVC, Back mulator: 03.0m FC, Black, Red, Ydalw / green Lindrikaal Screen: Or Copper Wei Braining 20% Coverage Indrikaal Screen: Or-Pen 10% Coverage



#### **ःTTAF**

High purity silver plated copper | Teflon® tape isolation | Dual PE, PVC insulations Aluminium wrapping | 18 AWG (0.75 mm²) ground wire | Flexible PVC jacket | Cable mesh Capacity Per 1M : 124.25pF Resistance Per 1KM : 2.70hm



#### POWER - GOLD LINE SERIES

- The 93028 offers enlarged dynamic range with greater speed and acceleration. It's high current and musical expanse output a realistic and truly sound.
- The stalwart 7 AWG high purity silver plated copper conductor encased in Teflon® tape performs subtle yet has dynamic power, dual insulation with PE and PVC, 18 AWG ground wrapped with aluminium and double layer flexible PVC jacket. The bright color cable mesh is a vision, giving immense gratification.







High purity silver plated copper litz wire | 2 Cords PVC insulation | Aluminium wrapping 12 AWG ground wire | PVC jacket | Dual cable mesh Capacity Per 1M : 225.49pF Resistance Per 1KM : 14.64ohm



#### POWER - GOLD LINE SERIES

- The 93126 has been designed and engineered to reveal a high definition harmonic resolution in multi-channel and High-End audio systems.
- The conductor is constructed from 2 cords of solid silver plated copper litz wire and offers an
  increased clarity and resolution over stranded cables, the litz wire design helps the output and the
  low-frequency driver is kept to an absolute minimum, so the damping factor of the amplifier is not
  compromised by the resistance of long speaker cables.



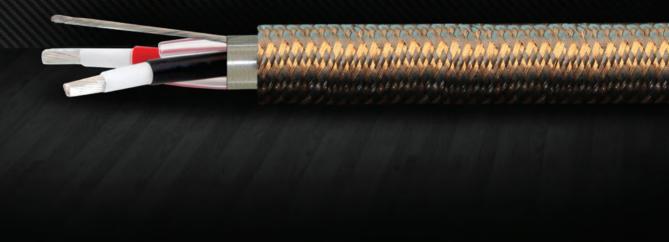
Conductor: 7/1/0.8 PC Litz Wire
 Insulation : PVC
 Drain Wire : 65/0.254 TC
 Shielding: AL Mylar
 PVC Jacket OD: 15.0mm matte grey color
 Mesh OD: 17.0 mm in grey & black color
 Filler: Cotton Yam





\$TTRF

High purity OFC | Teflon tape isolation | Dual PE, PVC insulations Aluminium wrapping | 18AWG (0.75 mm²) Ground wire | Flexible PVC jacket | Cable mesh Capacity Per 1M : 124.25pF Resistance Per 1KM : 2.70hm



#### POWER - SILVER LINE SERIES

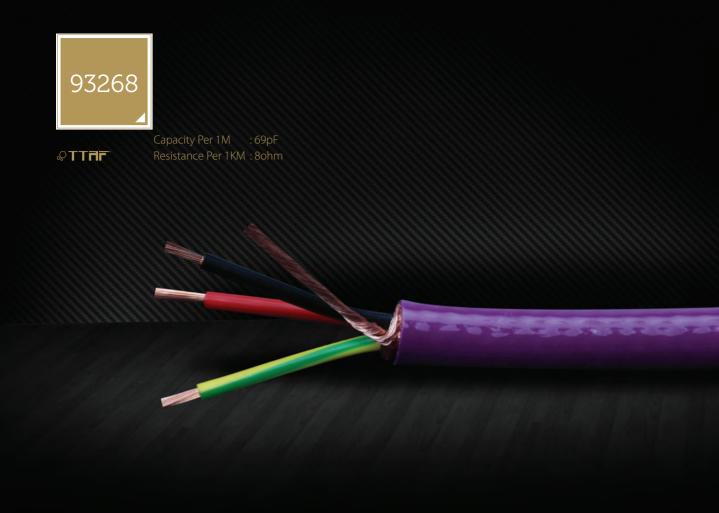
- The 93154 offers enlarged dynamic range with greater speed and acceleration.
- It's high current and musical expanse output a realistic and truly sound.
- The stalwart 7AWG (2.0 mm²) high purity Silver Plated Copper conductor encased in teflon tape performs subtle yet has dynamic power, dual insulations with PE and PVC, 18 AWG (2 mm²) ground wire, wrapped with aluminium and double layer flexible PVC jacket. The bright color cable mesh is a vision, giving immense gratification.



Conductor: 37/0.5 Silver plated copper Shield: Teflon® Tape Insulation: PE in resin color Insulation: PVC in Red & Black color

Filler: PVC tube Shielding: AL Mylar Drain Wire: 42/0.15 TC Inner Jacket: PVC in matte brown PVC Jacket OD: 17.0 mm in deep brown Mesh OD: 18.0 mm in golden color





### POWER - SILVER LINE SERIES

- Test Voltage
- Conductor Resistance (max.)
- Insulation Resistance
- Bending Radius (fixed)

#### : 2500 V

- : 8.0 Ω/km
- :>5000 M Ω.km
- : 10x Cable Diameter



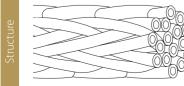


**STTRF** 

16 AWG (1.37 mm²) x 16 wires (7 AWG x 2C) High purity OFC Highly flexible PVC jacket | Geometric braiding | Luxury appearance Capacity Per 1M : 37.24pF Resistance Per 1KM : 1.20hm



- The 93252 is a very attractive product due to its modern bi-color braiding design, luxurious colors and superior performance.
- It consists of sixteen individual conductors, the aggregate wire size is stranded with OFC braid using geometric technology.
- The 93252 is a great match for all high-end speakers, subwoofers and low frequency bi-wired speaker systems.





\$TTRF

High Purity OFC + Litz wire | Dual PVC and PE insulations Aluminium coverage | Flexible PVC jacket Capacity Per 1M : 86.11pF Resistance Per 1KM : 53.720hm

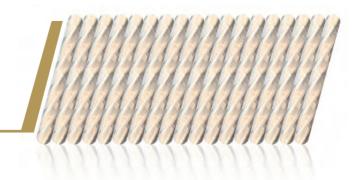


#### SPEAKER - GOLD LINE SERIES

- 93156 speaker cable is designed to reveal the high clarity and harmony in hi-fi audio systems. It offers high definiton, energetic and balanced sound for your musical enjoyment.
- Two different AWG conductors and is combined with high purity oxygen free copper and litz wire, dual insulated with PVC, PE, the transparent jacket gives a pure appearance.



A. Conductor: 1/0.5 Litz Wire B. Conductor: 6/72/0.05 Oxygen free copper C. Insulation: PVC in Red & Black color D. Aluminium Mylar E. Insulation: PE F. Filler: PE Strip G. Wraping: Transparent tape H. PVC Jacket OD: 17.0mm in transparent

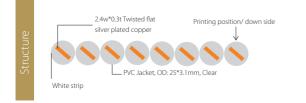


#### @TTRF

High Purity twisted flat silver plated copper | 8 wires individual isolation Flexible PVC jacket Capacity Per 1M : 52.34pF Resistance Per 1KM : 29.50hm



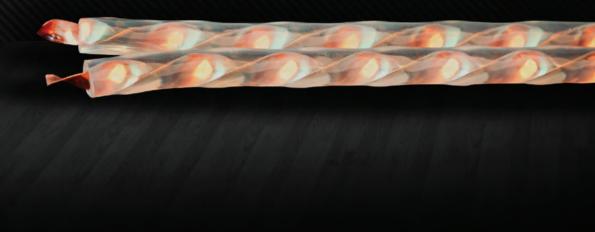
- The 93100 is designed for outstanding surround stereo system, it is excellent for eliminating noise and distorted sound, providing transparency and dynamics for exceptional sound with an aesthetic pleasing appearance.
- The flat solid conductors 8x18AWG (8x0.72 mm²) use high purity silver plated copper, appropriate for an aggregate gauge of 2x12AWG (2x3.0 mm²), with its unique parallel geometry and multiple conductors which are extruded collectively, and is suitable for bi-wire applications.





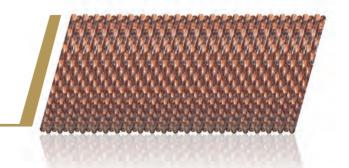
#### <u>्रात</u>नन

TTAF has developed this unique shape to create comprehensive flexiblity and can be used just as easily as primary cable application. The available sizes are from 17AWG to 22AWG (1.0 mm2-0.3 mm²) currently, conductor can be Twisted Flat Copper or TFSPC. Capacity Per 1M : 49.39pF Resistance Per 1KM : 16.50hm



- Twisted Flat Copper series cable is a new outstanding cable technology for the high-end audio cable market, maximizing the sound performance and minimizing the electrical interference.
- Unlike the traditional round cable conductor in appearance, TTAF has utilized ultra thin flat copper foil and formed a corkscrew shape by using unique procedure and the taut transparent PVC insulation keeps it in a stable position, producing precise sound definition and a pure polished appearance.
- Comparing it to a normal stranded copper conductor, has a bigger surface area which allows it to carry substantial transmission, which means that the "skin effect" has lower resistance at high frequency and represents a better treble control.
- There are some flat copper cables in the marketplace but the disadvantages of that type are; its wide parallel shape is easy to bend but cannot reform into its original shape and cannot also be formed into 90 degree right angles from a vertical position.





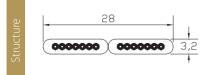


\$TTRF

High purity silver plated copper | Hyper fine stranded | Flexible PVC jacket Capacity Per 1M : 94.57pF Resistance Per 1KM : 1.50hm



- The 93251 is an exclusive upscale crafted flat speaker cable, the flexible flat design is perfect under carpeting and baseboards, listen to it's extended bass and true treble, high, clear and pure sound.
- It is a conductor of 7x17 AWG (1.04 mm²) with hyper fine stranded silver plated copper in parallel, for an aggregate gauge of 8, unique flat technology in its 7 conductors are extruded together and retained a soft, flexible jacket.





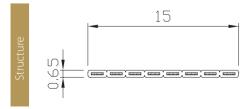


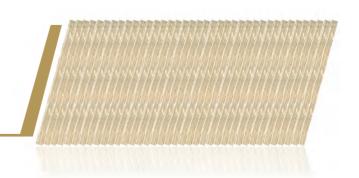
°LL4L

High purity silver plated copper | Hyper elegan thinness | Flexible PVC jacket Capacity Per 1M : 90.87pF Resistance Per 1KM : 1.75ohm



- The 93253 is an exclusive upscale crafted flat speaker cable, the flexible flat design is perfect under carpeting and baseboards, listen to it's extended bass and true treble, high, clear and pure sound.
- It is a conductor of 8x22 AWG (0.3 mm²) with hyper fine flat silver plated copper in parallel, for an aggregate gauge of 2x16 AWG (2.4 mm²), unique flat technology in its 8 conductors are extruded together, and retained a soft, flexible jacket for the seam layout.





**ः TTत**न

High Purity OFC & Silver Plated Copper | PE, PVC copper | Cotton filler Paper Wrapping | 16 AWG Ground wire | Flexible PVC jacket | Cable Mesh Capacity Per 1M : 138.91pF Resistance Per 1KM : 1.50hm



#### SPEAKER - GOLD LINE SERIES

- The conductor is constructured from three types of different thickness high purity oxygen free copper & silver plated copper.
- Paper wrapping and flexible PVC jacket.
- This bright color cable mesh gives outstanding appear.
- The bass definiton is the big selling point of 93155, it helps sound extension even for a smaller speaker case, this is due to it's ideal audio matching capacity and low frequency output.



A. Conductor: 7/0.65 OFC B. Insulation: PE in resin color C. Conductor: (1/0.4SPC+6/42/0.08 OFC) D. Insulation: PVC in red & black color E. Filler: Cotton Yarn F. Drain Wire: 65/0.16 TC G. Wraping: Cotton paper H. PVC Jacket DD: 17.5mm in deep matte blue I. Mesh OD: 18.0 mm in golden color





**ःTTत**न

High Purity OFC & Silver Plated Copper | PE, PVC insulations | Paper Wrapping Cotton filler | Flexible PVC jacket | Cable mesh Capacity Per 1M : 138.91pF Resistance Per 1KM : 1.50hm

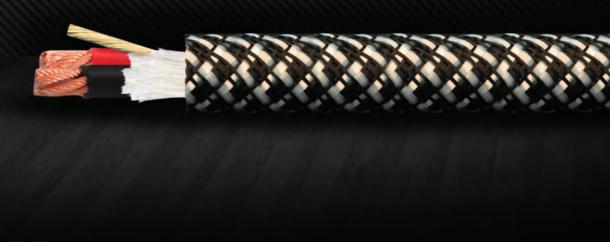


- The bass definition is one of the biggest advantages of 93029. It helps sound extension even for a smaller speaker case; this is due to its ideal audio matching capacity and low frequency output. The result is a warm but powerful feeling.
- The conductor consists of three types of different thickness high purity oxygen free copper. This luxurious dual white black braided cable mesh gives an outstanding appearance.



**ू TTत**न

High Purity OFC & Silver Plated Copper | PE, PVC insulations Cotton filler | Paper Wrapping | 16 AWG Ground wire | Flexible PVC jacket | Cable mesh Capacity Per 1M : 138.91pF Resistance Per 1KM : 1.50hm

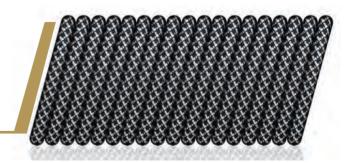


#### SPEAKER - GOLD LINE SERIES

- The conductor is constructured from three types of different thickness high purity oxygen free copper & silver plated copper.
- Paper wrapping and flexible PVC jacket.
- This luxury dual white and black braided cable mesh gives an outstanding appearance.
- The bass definition is the big selling point of 93153, it helps sound extension even for a smaller speaker case, this is due to it's ideal audio matching capacity and low frequency output.



A. Conductor: 70/0.65 Oxygen free copper B. Insulation: PE in resin color C. Conductor:(1)0.45PC+6/42/0.08 OFC) D. Insulation: PVC in Red & Black color E. Filler: Cotton Yarn F. Drain Wire: 65/0.16 TC G. Wraping: Catton paper H. PVC Jacket OD: 17.5mm in deep matte blue J. Mesh inner OD: 18.5mm in black & white color



#### **ःTTत**न

High Purity Silver Plated Copper litz wire | 4 cords PVC insulation | Aluminum wrapping 12AWG ground wire | PVC jacket | Dual cable mesh Capacity Per 1M : 225.49pF Resistance Per 1KM : 14.64ohm



#### SPEAKER - GOLD LINE SERIES

- The 93086 has been designed and engineered to reveal a high definition harmonic resolution in multi-channel and High-End audio systems.
- The conductor is constructed from 4 cords of solid silver plated copper litz wire, if offers an increased clarity and resolution over stranded cables
- The litz wire design helps the output and the low-frequency driver is kept to an absolute minimum, so the damping factor of the amplifier is not compromised by the resistance of long speaker cables.



A. Conductor: 7/1/0.8 PC Litz Wire
B. Insulation : PVC ID: 4.5 mm, Black*2C, Red*2C
C. Foil
D. Earth Wire 65/0.254TC
E. PVC Jacket OD: 15.0 mm matte grey color
F. Dual Mesh: OD: 17.0 mm



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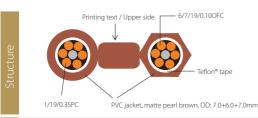
\$TTRF

: types of high purity silver plated copper & OFC conductors | Teflon tape isolation learl Brown PVC jacket Capacity Per 1M : 27.69pF lesistance Per 1KM : 2.60hm



#### SPEAKER - SILVER LINE SERIES

• It is designed for easy installation. The conductor combines two types of silver plated copper with an aggregate gauge of 8 AWG (8.7 mm²)x2C. An extra Teflon[®] wrapping insures complete isolation from external interferences and the wide pitch design is to reduce capacitance.





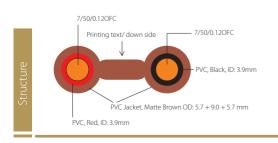
#### \$TTAF

High Purity OFC conductor | Dual insulation | Flexible jacket Parallel type round / round shape | With gold strip Capacity Per 1M : 23.12pF Resistance Per 1KM : 4.2ohm



### SPEAKER - SILVER LINE SERIES

- 11 AWG (3.96mm²) high purity 99.99% Oxygen Free Copper conductor.
- More natural and clear acoustic reproduction is improved by tight stranding.
- Though it has the simplest structure, it delivers wider dynamic range of bass performance and extended frequency response.
- Highly flexible and luxurious matte brown jacket with gold strip is ideal for home theater hookups and installations.
- The polarity can be torn and easily recognized through the gold strip to facilitate instant usage.







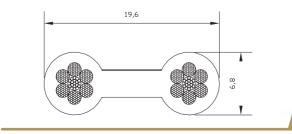
\$TTAF

2 types of gauge conductors using hight Purity Tinned Copper Clear PVC jacket Capacity Per 1M : 107.60pF Resistance Per 1KM : 13.480hm



#### SPEAKER - SILVER LINE SERIES

- The 93127 Speaker Cable has full bandwidth clarity, exception mid-range and accurate low frequency performance.
- It is designed in parallel shape for easy installitation, the conductor combines two types of awg with an aggregate qauge of 8mm mm² x 2C, producing sounds ranging from a gentle balanced sound to a powerfull output audio experience.







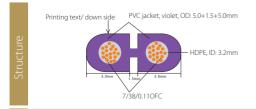
\$TTRF

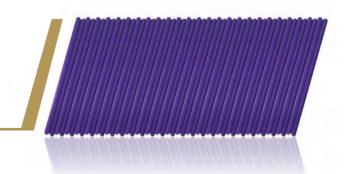
High Purity OFC Conductor | HDPE insulation | Flexible jacket Parallel type | Square / Square Capacity Per 1M : 35.83pF Resistance Per 1KM : 6.7ohm



#### SPEAKER - EXTREME LINE SERIES

- 13 AWG (2.53 mm²) high purity 99.99% Oxygen Free Copper conductor.
- More natural and clear acoustic reproduction is developed by tight stranding.
- Though it has the simplest structure, it delivers wider dynamic range of bass performance and extended frequency response.
- Highly flexible unique violet jacket is ideal for home theater hookups and installations.





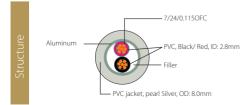


High Purity OFC conductor | PVC insulation | Cotton filler | AL wrapping Flexible PVC jacket | Pearl white color | Round type Capacity Per 1M : 177.23pF Resistance Per 1KM : 9.90hm



#### SPEAKER - EXTREME LINE SERIES

- 15 AWG (1.75 mm²) high purity 99.99% Oxygen Free Copper conductor.
- More natural and clear acoustic reproduction is developed by tight stranding.
- You will have a comfortable listening experience; it delivers wider dynamic range of bass performance and extended frequency response.
- Highly flexible pearl silver jacket is ideal for home theater hookups and installations.





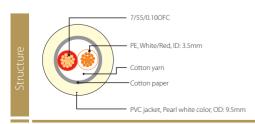


High purity OFC conductor | PP insulation | Paper wrapping Flexible PVC jacket | Pearl white color Capacity Per 1M : 69.19pF Resistance Per 1KM : 60hm



#### SPEAKER - EXTREME LINE SERIES

- 12 AWG (3.02 mm²) high purity 99.99% Oxygen Free Copper conductor.
- More natural and clear acoustic reproduction is improved by tight stranding.
- You will experience an unbelievable sound quality. It is the entrance model.
- Highly flexible pearl white jacket is ideal for home theater hookups and installations.





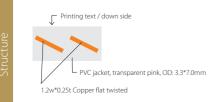
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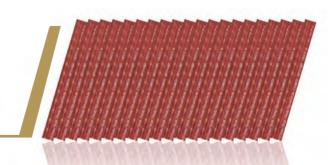
The available sizes are from 17AWG to 22AWG (1.0 mm²- 0.3 mm²) currently, conductor can be Twisted Flat Copper Capacity Per 1M : 27.38pF Resistance Per 1KM : 59ohm



#### SPEAKER - BASIC LINE SERIES

- Twisted Flat Copper series cable is a new outstanding cable technology for the high-end audio cable market, maximizing the sound performance and minimizing the electrical interference.
- Unlike the traditional round cable conductor in appearance, TTAF has utilized ultra thin flat copper foil and formed a corkscrew shape by using unique procedure and the taut transparent PVC Insulation keeps it in a stable position, producing precise sound definition and a pure polished appearance.
- Comparing it to a normal stranded copper conductor, has a bigger surface area which allows it to carry substantial transmission, which means that the "skin effect" has lower resistance at hig frequency and represents a better treble control.
- There are some flat copper cables in the marketplace but the disadvantages of that type are its wide parallel shape is easy to bend but cannot reform into its original shape and cannot also be formed into 90 degree right angles from a vertical position.





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High Purity OCC (Ohno continue Casting) | Foam PE insulation Teflon® tape wrapping | 128 wires SPC braiding | Flexible PVC jacket Capacity Per 1M : 68.80pF Resistance Per 1KM : 38.360hm

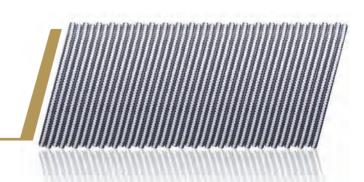


#### INTERCONNECT - GOLD LINE SERIES

- The 93149 interconnect cable is highly aclaimed by numerous audiophile, it offers balanced, fidelity and spacious sound.
- The signal is carried via high purity OCC (Ohno Continue Casting) copper, with Foam PE insulation
  a Teflon® tape wrapping and tight silver plated copper braiding to isolate interference. Dual cable
  meshes in white & black design gives a stylish classical appearance.



A. Conductor: 1/0.8 OCC copper B. Insulation: FPE in resin color C. Shield : Braid 16/8/0.12 SPC D. Wraping: Teffon® Tape E. Jacket: PVC OD: 6.8mm in white color F. Mesh black & white G. Mesh white OD: 8.8mm



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High Purity OCC (Ohno Continue Casting) | Dual PE and Foam PE insulation Aluminium shielding | 144 wires SPC braiding | Flexible PVC jacket | Cable mesh Capacity Per 1M : 63.93pF Resistance Per 1KM : 28.560hm



#### INTERCONNECT - GOLD LINE SERIES

- The 93150 interconnect cable delivers a high clarity performance, balanced with exceptional sound, the sustained positive appreciation from customers keeps the 93150 a sublime recommendation in the High-End world.
- The signal is carried via high purity OCC (Ohno Continue Casting) copper, dual insulation with PE and foam PE. And tight silver plated copper braiding to isolate interference. Luxurious dual cable mesh gives a stylish classical appearance.



A. Conductor: 80/0.1 OCC copper B. Insulation: PE in blue color C. Insulation: FPE in white color D. Shield 1: Alumina mylar E. Shield 2: Braid 16/9/0.12 SPC F. Jacket: PVC OD: 7.0mm in purple pearl color G. Mesh black & white H. Mesh black OD: 8.9mm





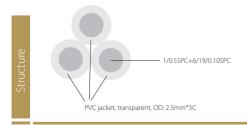
**STTRF** 

High purity silver plated copper | Flexible PVC jacket | Three wires braid Capacity Per 1M : 72.33pF Resistance Per 1KM : 10.83ohm



#### INTERCONNECT - GOLD LINE SERIES

 It consists of three individual cords and the aggregate wire size is 17 AWG. It is tightly stranded with silver plated copper and the braid is developed by the geometric technology. Having a very attractive and modern design, the 93013 achieves High-End audio performance.





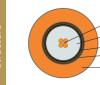
\$TTRF

High Purity Silver Plated Copper | Foam PE insulation Dual SPC braiding | Flexible PVC jacket Capacity Per 1M : 75.62pF Resistance Per 1KM : 26.00hm



#### INTERCONNECT - GOLD LINE SERIES

- The 93148 interconnect cable delivers a high clarity performance, balanced with exceptional sound, the sustained positive appreciation from customers keeps the 93148 a sublime recommendation in the High-End world.
- The signal is carried via high purity silver plated copper, with foamed PE and tight dual silver plated copper braid to isolate interference. Pearl matte orange jacket color gives unique and attractive appearance.



A. Conductor: 4/0.5 silver plated copper B. Insulation: FPE in resin color C. Shield 1: Braid 144/0.10 SPC D. Shield 2: Braid 144/0.10 SPC E. Jacket: PVC OD: 8.5mm in pearl orange color





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High Purity Silver Plated Copper | PE insulation Dual SPC braiding | Flexible PVC jacket Capacity Per 1M : 77.97pF Resistance Per 1KM : 37.580hm



#### INTERCONNECT - GOLD LINE SERIES

- The 93147 interconnect cable delivers a high clarity performance, balanced with exceptional sound, the sustained positive appreciation from customers keeps the 93147 a sublime recommendation in the High-End world.
- The signal is carried via high purity silver plated copper and dual silver plated copper braiding to isolate interference. Pearl light silver jacket color design is always classical and attractive.



A. Conductor: 1/0.8 SPC B. Insulation: PE in resin color C. Shield 1: Braid 7/16/0.10 SPC D. Shield 2: Braid 7/16/0.10 SPC E. PVC Jacket OD: 7.8mm in silver pearl color



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High Purity Oxygen Free Copper | Foam PE insulation | Aluminium shielding 144 wires TC braiding | Flexible PVC jacket Capacity Per 1M : 57.06pF Resistance Per 1KM : 31.260hm



#### INTERCONNECT - GOLD LINE SERIES

- The 02142 interconnect cable delivers
- The 93143 interconnect cable delivers a high clarity performance, balanced with exceptional sound, the sustained positive appreciation from customers keeps the 93143 a sublime recommendation in the High-End world.
- The signal is carried via high purity oxygen free copper, with AL wrapping and tight tinned copper braiding to isolate interference. Pearl orange jacket color gives an attractive appearance.



A. Conductor: 19 / 0.2 Oxygen free copper
B. Insulation : FPE in resin color
C. Shield 1: AL mylar
D. Shielding 2: Braid 144 / 0.12 TC
E. PVC Jacket OD: 8.5mm in pearl orange color



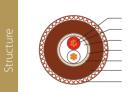
#### °LTL6

High purity silver plated copper & Oxygen plated copper | PE insulation Cotton yarn filler | Cotton paper wrapping | 128 wires OFC braiding Flexible PVC jacket | Cable mesh Capacity Per 1M : 64.33pF Resistance Per 1KM : 44.40hm



#### INTERCONNECT - GOLD LINE SERIES

- The 93146 interconnect cable is highly aclaimed by numerous audiophiles, it offers balanced, fidelity and spacious sound.
- The signal is carried via high purity oxygen free copper & silver plated copper, with PE insulation and tight oxygen free copper braiding to isolate interference. Luxurious cable mesh gives a stylish classical appearance.



A. Conductor: 1/0.2 SPC + 6/8/0.1 OFC B. Insulation: PE in Red & white color C. Filler: Cotton yarn D. Wrapping: Cotton paper E. Shielding: Braid 128/0.10 OFC F. PVC Jacket OD: 7.5mm in brown color G. Mesh OD: 8.5mm in brown color



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High Purity Oxygen Free Copper | Foam PE insulation Dual OFC braiding | Flexible PVC jacket Capacity Per 1M : 69.75pF Resistance Per 1KM : 34.14ohm



#### INTERCONNECT - GOLD LINE SERIES

- The 93145 interconnect cable is highly aclaimed by numerous audiophiles, it offers balanced fidelity and spacious sound.
- The signal is carried via high purity oxygen free copper, with tight dual oxygen free copper braiding to isolate interference. Pearl blue jacket color gives an elegant appearance.



Conductor: 7/0.4 OFC Insulation: FPE in resin color Shield 1: Braid 16/7/0.12 OFC Shield 2: Braid 24/6/0.12 OFC Jacket: PVC OD: 8.5 mm in pearl blue



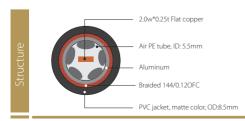


High Purity OFC Conductor | Hollow PE tube insulation | Aluminium shielding 144 wires OFC braid | PVC jacket Capacity Per 1M : 74.19pF Resistance Per 1KM : 38.50hm



#### INTERCONNECT - SILVER LINE SERIES

- Compared with a normal stranded copper conductor, flat copper foil has a bigger surface area which allows it to carry substantial transmission, which means that the "Skin Effect" (i.e. the current density near the surface is greater than its core) has lower resistance at high frequency, and represents a better treble control.
- Hollow PE tube design with AL shielding and tight oxygen free copper braid is the best medium for sound.





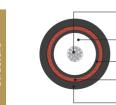


High Purity Silver Plated Copper | FPE, Conductive PVC Silver plated copper braid | Flexible PVC jacket Capacity Per 1M : 69.17pF Resistance Per 1KM : 290hm



#### INTERCONNECT - SILVER LINE SERIES

- The 93003 interconnect cable delivers a balanced high clarity performance with exceptional sound. The sustained positive appreciation from customers keeps the 93003 a sublime recommendation in the high-end world.
- The signal is carried via high purity silver plated copper. Dual insulations with foamed PE, conductive PVC and tight silver plated copper braid are used to prevent interference. Highly flexible matte black jacket with gold printing elicits classical and luxurious appearance.



80/0.10SPC + FPE

Foamed PE, white, ID:4.7mm

Braided 144/0.10OSPC

PVC jacket, matte black, OD: 8.5mm



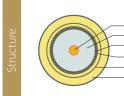


High Purity Oxygen Free Copper | Foam PE insulation Aluminium shielding | 128 wires OFC Braiding | Flexible PVC jacket Capacity Per 1M : 67.64pF Resistance Per 1KM : 20.440hm



#### INTERCONNECT - SILVER LINE SERIES

- The 93144 interconnect cable delivers a high clarity performance, balanced with exceptional
- sound, the sustained positive appreciation from customers keeps the 93144 a sublime recommendation in the High-End world.
- The signal is carried via high purity oxygen free copper, with AL wrapping and tight oxygen free copper braiding to isolate interference. Yellow cream jacket color gives an attractive appearance.



A. Conductor: 1/1.13 Oxygen free copper B. Insulation : FPE in resin color C. Shield 1: AL mylar D. Shielding 2: Braid 128 / 0.12 OFC E. Inner Jacket OD: PVC OD: 6.85mm F. Jacket : PVC OD: 8.5mm in yellow cream color





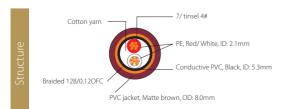
°LTL6

4# Tinsel Wire Conductor | PE Conductive PVC | Cotton yarn filler | OFC Braided Matte brown PVC jacket | 15AWG (1.66mm²) Tinsel Wire Conductor Capacity Per 1M : 192.82pF Resistance Per 1KM : 147.230hm



#### INTERCONNECT - SILVER LINE SERIES

- The 93023 is designed for balanced digital signal transmission. It greatly reduces harshness in high frequency signal transfer and creates a deep, smooth and dynamic performance.
- It utilizes Tinsel wires as the conductor, twisted pairing in dual insulation with high density PE and conductive PVC, and enhanced by a tight oxygen free copper braid to give 100% protection from high-frequence microwave and EMI signal corruption.







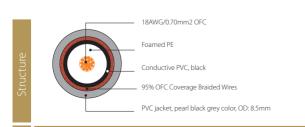
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High Purity Oxygen Free Copper | Dual insulation 144 wires OFC braid | PVC jacket Capacity Per 1M : 58.7pF Resistance Per 1KM : 25.6ohm

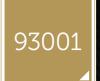


#### INTERCONNECT - SILVER LINE SERIES

- The 93000 interconnect cable delivers a balanced high clarity performance with exceptional
- sound. The sustained positive appreciation from customers keeps the 93000 a sublime recommendation in the high-end world.
- The signal is carried via high purity oxygen free copper. Dual insulations with foamed PE, conductive PVC and tight oxygen free copper braid are used to prevent interference. Pearl black grey jacket color design is always classical and attractive.





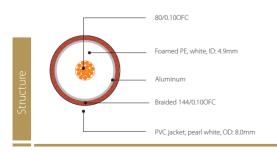


°LTLG

High Purity OFC Conductor | Foamed PE Insulation Aluminium shielding | 144 wires OFC braid | PVC Jacket Capacity Per 1M : 61.42pF Resistance Per 1KM : 28.80hm



- The 93001 interconnect cable delivers a balanced high clarity performance with exceptional
- sound. The sustained positive appreciation from customers keeps the 93001 a sublime recommendation in the high-end world.
- The signal is carried via high purity oxygen free copper. AL shielding and tight oxygen free copper braid are used to prevent interference. Pearl white jacket color design is always classical and attractive.





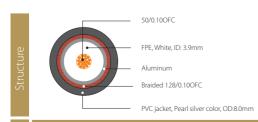


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High Purity Oxygen Free Copper | Foamed PE insulation | Aluminium shielding 128 wires OFC braid | PVC jacket Capacity Per 1M : 64.65pF Resistance Per 1KM : 450hm



- The 93002 interconnect cable is highly acclaimed by numerous audiophiles. It offers balanced, high fidelity and spacious sound.
- The signal is carried via high purity oxygen free copper. AL shielding and tight oxygen free copper braid are used to prevent interference. Jacket color is elegant pearl silver.



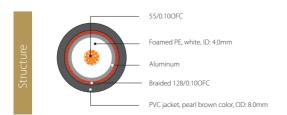




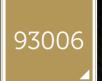
High Purity OFC Conductor | Foamed PE insulation | Aluminium shielding 128 wires OFC braid | PVC Jacket Capacity Per 1M : 63.83pF Resistance Per 1KM : 42.70hm



- The 93005 interconnect cable delivers a balanced, high clarity performance with exceptional sound. The sustained positive appreciation from customers keeps the 93005 a sublime recommendation in the High-End World.
- The signal is carried via high purity oxygen free copper. Foamed PE insulation, AL shielding and tight oxygen free copper braid are used to prevent interference.







**STTRF** 

Capacity Per 1M : 74.74pF



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- The 93006 interconnect cable delivers a balanced, high clarity performance with exceptional sound. The sustained positive appreciation from customers keeps the 93006 a sublime recommendation in the High-End world.
- The signal is carried via high purity oxygen free copper. Dual insulations with PE & foamed PE and ٠ tight oxygen free copper braid are used to prevent interference. Pearl champagne jacket offers luxurious appearance.







High Purity OFC conductor | Foamed PE Insulation 128 wires OFC braid | PVC Jacket Capacity Per 1M : 64.76pF Resistance Per 1KM : 58.20hm

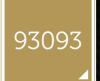


#### INTERCONNECT - BASIC LINE SERIES

- The 93007 interconnect cable delivers a balanced, high clarity performance with exceptional sound. The sustained positive appreciation from customers keeps the 93007 a sublime recommendation in the high-end world.
- The signal is carried via high purity oxygen free copper. Foamed PE insulation, AL Shielding, and tight oxygen free copper braid are used to prevent interference.





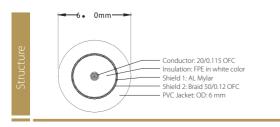


High Purity OFC Conductor | Foam PE insulation | Aluminium wrapping 50 wires OFC shielding | Matte black PVC jacket Capacity Per 1M : 69.95pF Resistance Per 1KM : 90.80hm



#### INTERCONNECT - BASIC LINE SERIES

- The 03003 interconnect cable deliver
- The 93093 interconnect cable delivers a high clarity performance, balanced, with exceptional sound, the sustained positive appreciation from customers keeps the 93093 a sublime recommendation in the middle-range world.
- The signal is carried via high purity oxygen free copper, with Foamed PE insulation and AL shielding, oxygen free copper shielding to isolate interference.







High Purity OCC (Ohno Continue Casting) | PE insulation | Cotton yarn filler | Aluminium wrapping | 128 wires OFC braiding | Matt Black PVC jacket | Grey+Silver Single mesh Capacity Per 1M : 54.586pF Resistance Per 1KM : 27.640hm

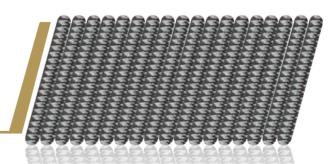


#### BALANCE - GOLD LINE SERIES

- 18AWG(0.71mm2) OCC (Ohno Continute Casting)
- The 93291 is designd for balanced digital signal transmission. It greatly reduces harshness in high-frequency signal transfer and creates a deep, smooth and dynamic performance. It utilizes OCC (Ohno Continute Casting) as the conductor, twisted pairing in dual insulation with PE and enhanced by a tight Oxygen Free copper braid to give 100% protection from from high-frequence microwave and EMI signal corruption.



3/0 55OCC
PE / ID: 2.0mm / White/Red
Cotton yarn
AL
B16/8/0.16OFC
PVC insulation , ID:7.6mm ,Black
PVC jackt , D.10.0mm ,Black
Single mesh



Structure

**©TTRF** 

High Purity Oxygen Free Copper | PE insulation | Cotton yarn filler | Aluminium wrapping | 128 wires OFC braiding | Matt Black PVC Jacket | Black/Grey/Silver Single mesh Capacity Per 1M : 48.58pF Resistance Per 1KM : 27.36ohm



#### BALANCE - SILVER LINE SERIES

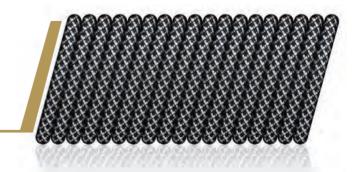
18AWG(0.71mm2) High Purity Oxygen Free Copper

Contractor Contractor

 The 93292 is designd for balanced digital signal transmission. It greatly reduces harshness in high-frequency signal transfer and creates a deep, smooth and dynamic performance. It utilizes Oxygen Free Copper as the conductor, twisted pairing in dual insulation with PE and enhanced by a tight Oxygen Free copper braid to give 100% protection from from high-frequence microwave and EMI signal corruption.



3/0 55OCC PE / ID: 2.0mm / White/Red Cotton yarn AL B16/8/0.16OFC PVC insulation , ID:7.6mm ,Black Single mesh



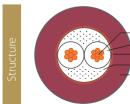


High purity tinned copper conductor | Foam PE insulation | Cotton yarn filler Aluminium wrapping | 80 wires TC braiding | Pearl pink red PVC jacket Capacity Per 1M : 45.47pF Resistance Per 1KM : 49.560hm



#### BALANCE - EXTREME LINE SERIES

- The 93091 is designed for balanced digital signal transmission. It greatly reduces harshness in high-frequency signal transfer and creats a deep, smooth and dynamic performance.
- It utilizes tinned copper as the conductor, twisted pairing in dual insulation with Foam PE and enhanced by a tight tinned copper braid to give 100% protection from high-frequence microwave and EMI signal corruption.



Conductor: 7/0.26 Tinned Copper Wire
 Insulation: FPE
 Shielding: AL+16/5/0.12 Tinned Copper Wire
 Filler: Cotton Yarn
 PVC Jacket OD: 8.3 mm pearl pink red color



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#### SOLDER PAST



Sn: 95.9% Ag: 4 % Cu: 0.11% Flux: 2.2 % Dia: 0.6mm Roll: 1 Kg









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