

FURUTECH

PURE TRANSMISSION



Nanoflux NCF Speaker Cable



*Top-of-the-Line Furutech Nanoflux NCF Speaker Cable
Comes with CF-201 NCF(R) Spades for the Amplifier and CF-202 NCF(R)
Bananas for the Speaker Other Combinations on Request*

Furutech introduces the CF-201 NCF(R) top-of-the-line Spade connector & CF-202 NCF(R) top-of-the-line Banana connector. This is Furutech's first high-performance Spade & Banana connector to feature Nano Crystal² Formula (NCF). This material is the cumulative result of Furutech's 30 plus year effort to eliminate electrical and mechanical resonance from signal and power transmission in high performance audio and video applications. Offering a dramatic reduction in noise, improved imaging, and focus, and improved sound staging, the same as CF-201 NCF(R) & CF-202 NCF(R) will take your listening enjoyment to the next level.

NCF Damping Rings - Nano Crystal² Formula (NCF)

Incorporated into the damping rings of the connectors is Furutech's special NCF material - NCF features a special crystalline material that has two 'active' properties. First, it generates negative ions that eliminate static. Second, it converts thermal energy into far infrared. Furutech combines this remarkable material with nano-sized ceramic particles and carbon powder for their additional 'piezoelectric effect' damping properties. The resulting Nano Crystal² Formula is the ultimate electrical and mechanical damping material. Created by Furutech, it is found exclusively in Furutech products.

The Effective Diameter of Your Music!

The link between speakers and amplifiers is one of the most critical in a system. Speaker cables carry high current and require low resistive loss to avoid turning part of the signal energy into heat; high performance construction techniques call for large cable diameters or bundles of smaller conductors for an effective large diameter. Low resistance also keeps an amplifier's damping factor high avoiding uncontrolled driver movements.

Furutech specifies α (Alpha) Nano-Au-Ag OCC Pure Transmission conductors - one of the best conductors Furutech engineers have found for sound reproduction - terminated with beautifully engineered high-performance rhodium-plated nonmagnetic pure copper spade connectors for the amplifier end and rhodium-plated banana connectors at the other end. The substantially built extremely nonresonant connector bodies are finished in layered carbon fiber and stainless steel. The dielectric/insulation is audio grade special PE reducing capacitance and improving mechanical damping for greater resolution, clarity, powerful dynamics, plus an ultra-quiet soundstage in which music develops more fully without artificial upper frequency "presence region" glare.

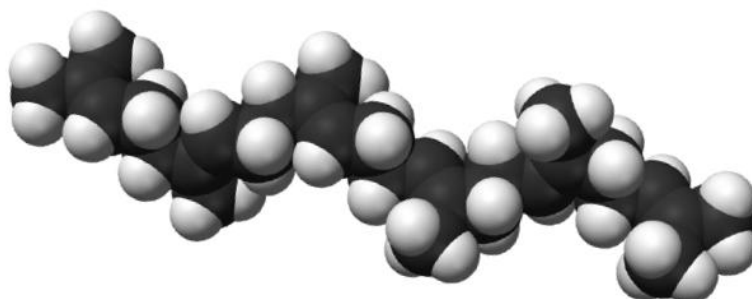
The new technology used in the highly specialized manufacturing process of this ultra-high performance speaker cable combines Furutech's world renowned Alpha- OCC conductors with Furutech's extremely effective signal transmission enhancer, Nano Liquid, to create Nano-Au-Ag conductors. Nano Liquid's molecules are so tiny (8 nanometers in diameter ($8/1000000\text{mm}$) they cover the Alpha-OCC surface and "fill up" any concave-convex sections left on the conductor surface during the production process, increasing the electric conduction area and debasing impedance. The very precise mix of gold and silver super-micro particles and amount of dispersing Squalene oil used on the conductor has great influence on the sound reproduction, and Furutech's engineers settled on their exact ratio of gold to silver particles after careful audition of countless test samples. The resulting "tuned" cable offers superb overall balance of qualities that Furutech is known for that allows you to feel experience and communicate with music. The results are extremely fine resolution down and through the very low noise floor, improved sound staging and image palpability, a musical, attractive, "round" midrange, tight and controlled bass, plus power and dynamics to spare to set your music on fire!

In short, everything in the signal path does indeed make a difference. Hear and see the difference that the Nanoflux NCF speaker cable can make in your system.

Nano Liquid's Technical / Specifications

Squalene (C₃₀H₅₀)

Squalene Oil can remove oxide and other debris etc. From the surface of the metal, making the surface clean and free of pollution, thus activating the metal surface.



Gold & silver super-micro particles with 8 nanometers in diameter ($8/1000000\text{mm}$)

...this very stable liquid (Squalene Oil) forms layer of protective film on the surface of the metal, prevention oxidation. Utilizing the oil's excellent adsorption properties gold & silver super-micro particles evenly adhere to the surface of the metal.

Enlargement of the Metal surface

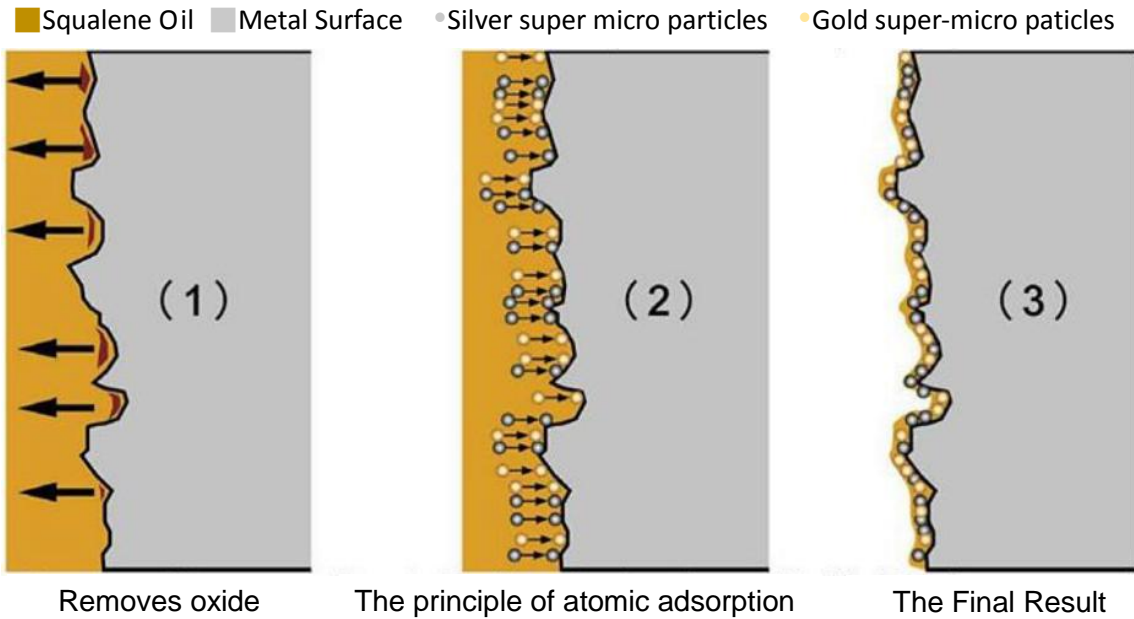
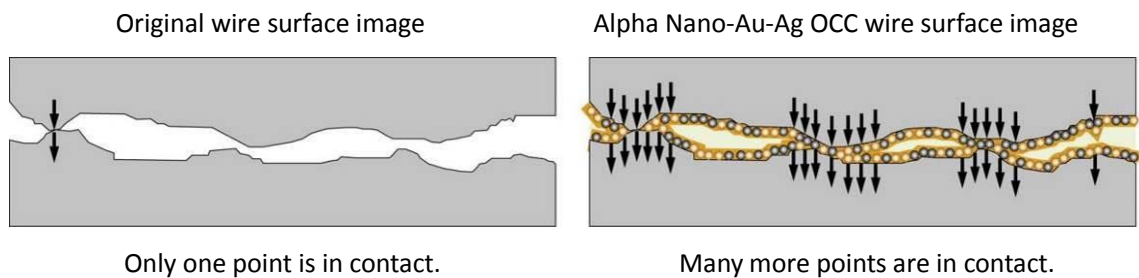


Illustration of the Nano Liquid's superior efficiency



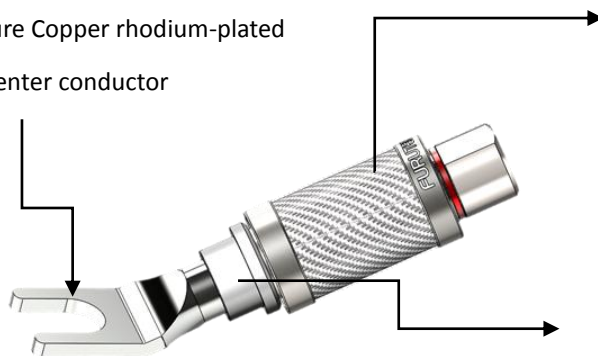
Features

(1) α (Alpha) Nano-Au-Ag OCC Pure Transmission Conductors:

(7 / 37 / 0.18mm) *2cores Size: ≅ 9AWG (6.59sq.mm)

(2) Beautifully engineered special end designed high-performance rhodium-plated nonmagnetic pure copper spade CF-201 NCF(R).

α (Alpha) Pure Copper rhodium-plated
one-piece center conductor

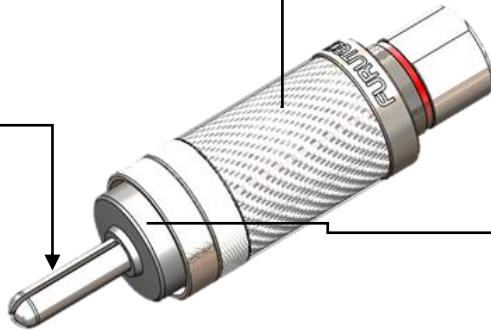


Housing: Multilayer hybrid NCF carbon housing composed of an outer hard clear coat over with another layer of Hybrid NCF Silver plated 3k carbon fiber on a nonmagnetic stainless-steel Housing.

NCF damping ring for the Pin is formed with a multi compound resin.

(3) Nonmagnetic rhodium-plated special end designed banana connector CF-202 NCF(R).

α (Alpha) Pure Copper rhodium-plated
one-piece center conductor

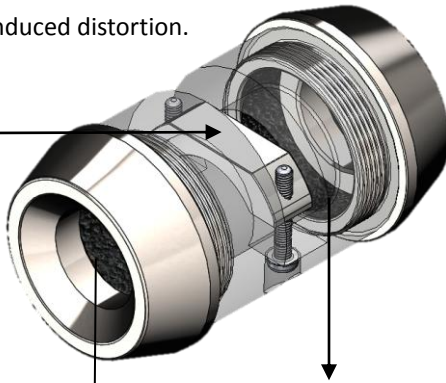


Housing: Multilayer hybrid NCF carbon housing composed of an outer hard clear coat over with another layer of Hybrid NCF Silver plated 3k carbon fiber on a nonmagnetic stainless-steel Housing.

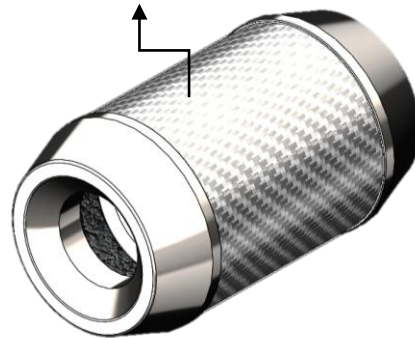
NCF damping ring for the Pin is formed with a multi compound resin.

(4) Cable Damping Cylinder: Specially engineered design formed with hybrid material Silver Plated Carbon Fiber and Formula GC-303 EMI-Absorbent material.

Stainless steel cable fixing clamp
improves grip and reduces mechanically
and electrically induced distortion.



Housing: Multilayer hybrid NCF carbon housing composed of an outer hard clear coat over with another layer of Hybrid NCF Silver plated 3k carbon fiber on a special grade aluminum alloy Housing.



GC-303: Absorbs and eliminates conductive NOISE introduced through accessories and wires.

(5) Housing: Multilayer hybrid NCF carbon housing composed of an outer hard clear coat over with another layer of Hybrid NCF Silver plated 3k carbon fiber on a nonmagnetic stainless-steel Housing. The best of damping and insulation materials improve frequency extension and tonal balance.

Housing multilayer structure description



Outer layer - Special hardened clear coating

Hybrid NCF silver plated 3k carbon fiber

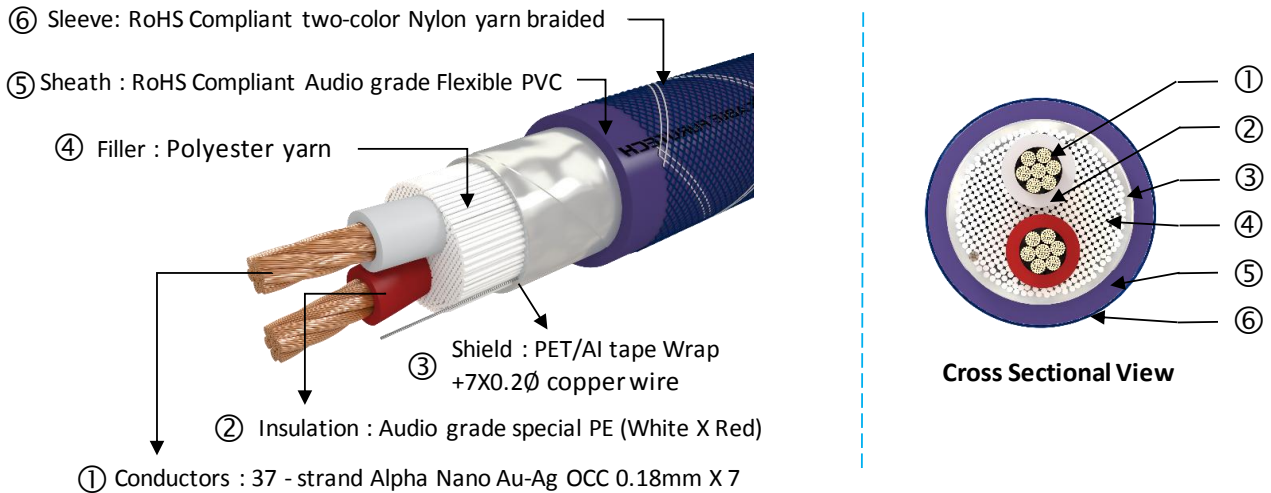
Nonmagnetic stainless-steel housing

(5) Dielectric/insulation: Audio grade special PE reduces capacitance for improved vibration damping

Results in greater resolution, clarity, powerful dynamics, and an ultra-quiet soundstage in which music develops more fully without artificial upper frequency “presence region” glare.

Length: 2.5m - other lengths available by custom order

Cable construction



Nanoflux NCF Speaker Cable Construction

Make a More Powerful Connection with Furutech!

Product name	Product Introduction	JAN CODE
Nanoflux NCF Speaker-05	Speaker Cable(2.5mx2)	4580370444643
Nanoflux NCF Speaker-06	Speaker Cable(3.0mx2)	XXXXXXXXXXXXX

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