FURUTECH

PURE TRANSMISSION

NCF®

NCF material

CF-102 NCF(R) High End Performance RCA Connector

Center conductor -*Nano Crystal² Formula (NCF).*

α (Alpha) OCC Rhodium-plated one-piece construction conductor injected with Furutech's NCF material incorporated into selected Furutech products, 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.

Furutech's Two-Stage Cryogenic and Demagnetization Alpha Process

Using cutting-edge technology and materials, Furutech developed a low-temperature two-stage process that significantly improves every facet of audio and video performance. The treatment begins during the manufacturing process with a deep, conditioning cryogenic freeze of all metal parts. Using high-end refrigerants -- liquid N2 or He -- Furutech achieves temperatures of between -196 to -250℃. The treated parts actually change their molecular structure at these extremes of temperature relieving internal stress. The molecules bond together more tightly, and the overall structure becomes more stable. This improves electrical conductivity and so power and signal transfer.

Step two in the Alpha Process exposes these same parts to the patented Ring Demagnetization treatment. Ordinary high-power magnets used for this purpose often increase magnetic effects; they leave some areas

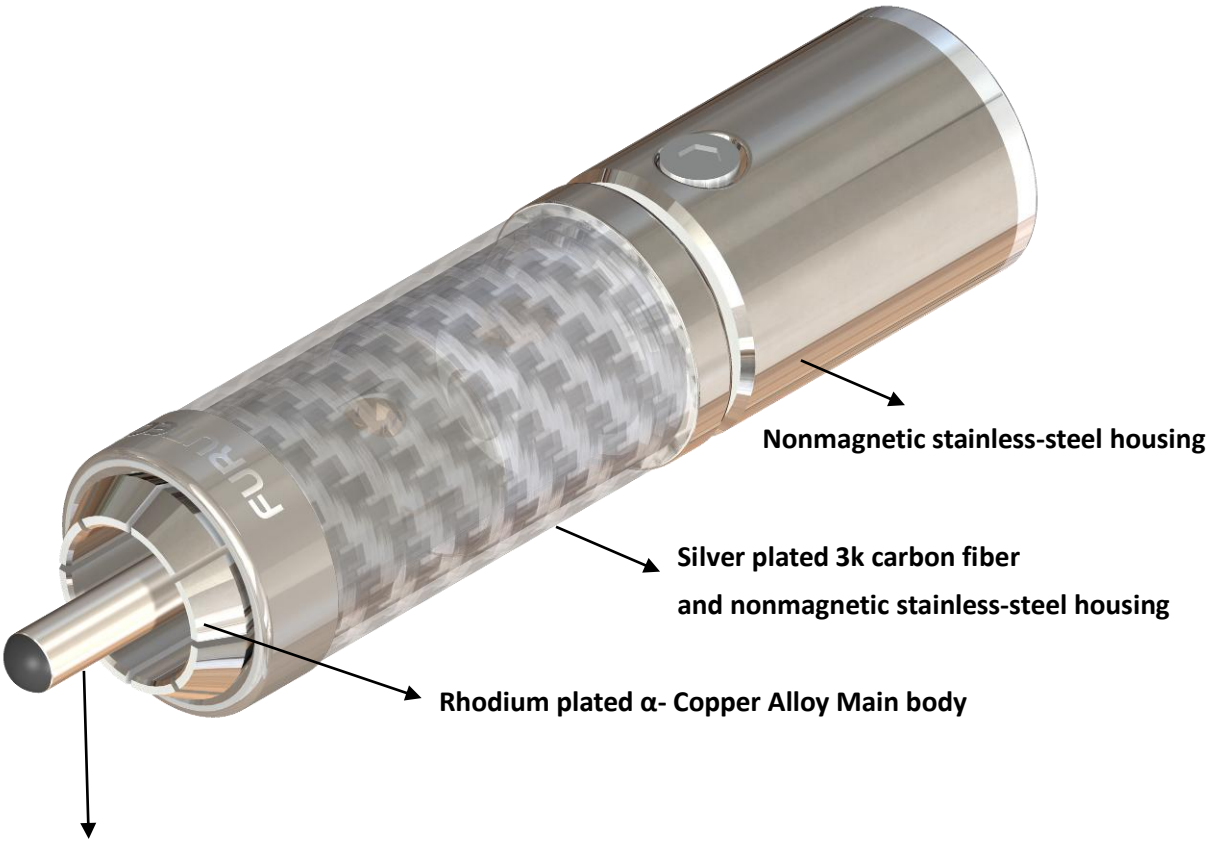
more magnetized than others. This patented process uses controlled attenuation to remove magnetization for immediately more vivid and colorful improvements. Ring Demagnetization further enhances conductivity of all treated materials.

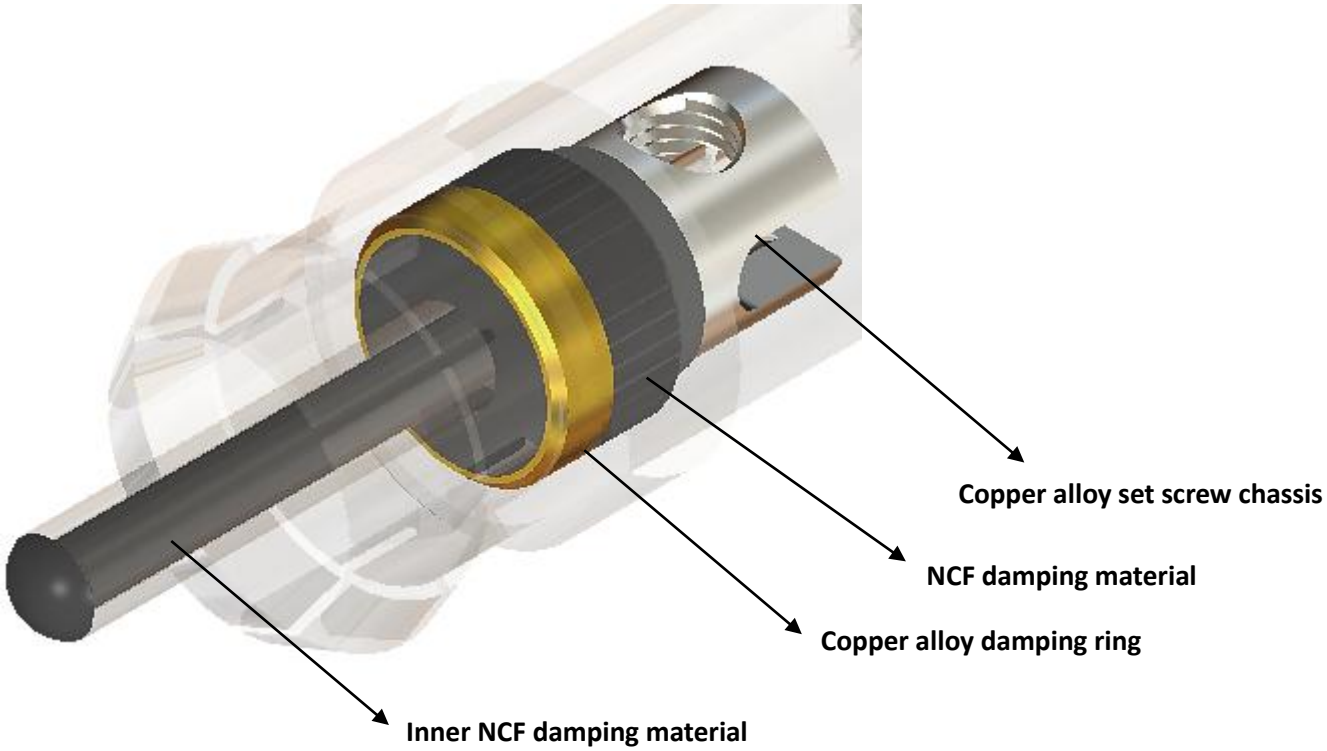
ALL metallic parts used in Furutech products go through the Alpha Process treatment to keep all connectors, conductors, and metal parts in a perfect stress-free, stable, and highly conductive state.

Features

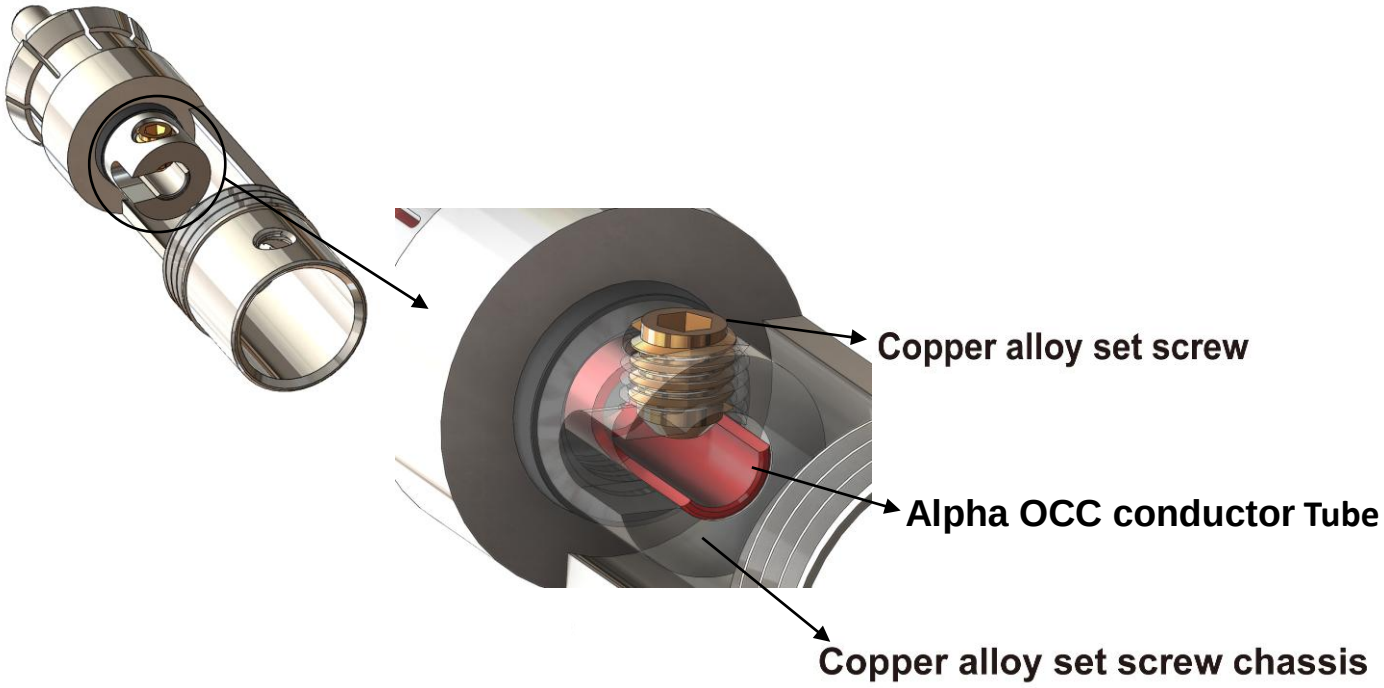
- **α** (Alpha) OCC Rhodium-plated one-piece construction conductor pin injected with Furutech's ultimate anti-static and resonance damping material - NCF
  NCF delivers improvements in the depth and focus of the sound stage, harmonics and tonal balance. Low frequencies are cleaner, with a greater sense of definition made possible by a lowered noise floor
- **α** (Alpha) Copper Alloy Rhodium-plated Body
- Nonmagnetic stainless steel and silver-plated carbon fiber housing. The best of damping and insulation materials improve frequency extension and tonal balance.
- Conductor wire fixed by set screw
- Specified for cable diameters max. 11.0mm

One-piece construction conductor enlarged image





Specially engineered set screw construction to ensure firm contact with Alpha OCC conductor



- Dimensions: 14.0mm diameter x 54.0mm overall length
- Net Weight: 29.5 g approx.

Accessories

Tools included (2pcs): one small 1.5mm hex head screwdriver (H-1.5) and one larger 2mm hex head screwdriver (H-2.0)

Note:

Too much torque when tightening of the screws may damage them. Recommended torque values for tightening the screws are as follows.

Conductor wire set screw: (+) 85cN•m / (-) 30cN•m

Rear Housing fixing screw: 30cN•m

Product name	Product Introduction	Jan Code
CF-102 NCF(R)	High End Performance RCA connector (Carbon fiber finish) 2pcs/set	4580370444209

*All metallic parts are treated by *FURUTECH α (Alpha) Process (Super Cryogenic & Demagnetize Treatment .)*

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