

# FURUTECH

PURE TRANSMISSION



## *NCF material*

### Lineflux NCF (XLR) Interconnect Cable



#### ***NCF: Nano Crystal<sup>2</sup> Formula***

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 Crystal<sup>2</sup> Formula is the ultimate electrical and mechanical damping material. Created by Furutech, it is found exclusively in Furutech products.

#### ***Refinement Personified***

All audiophiles search for the same qualities: Verisimilitude to the original event, a sense of engagement promoting suspension of disbelief, a visceral immersion in the audio video experience.

The dilemma faced by many is that poor recording values are more apparent as audio systems gain clarity, transparency and resolution. Recordings that are acceptable sounding on a compromised system may grate as the bass, midrange and upper frequencies open up.

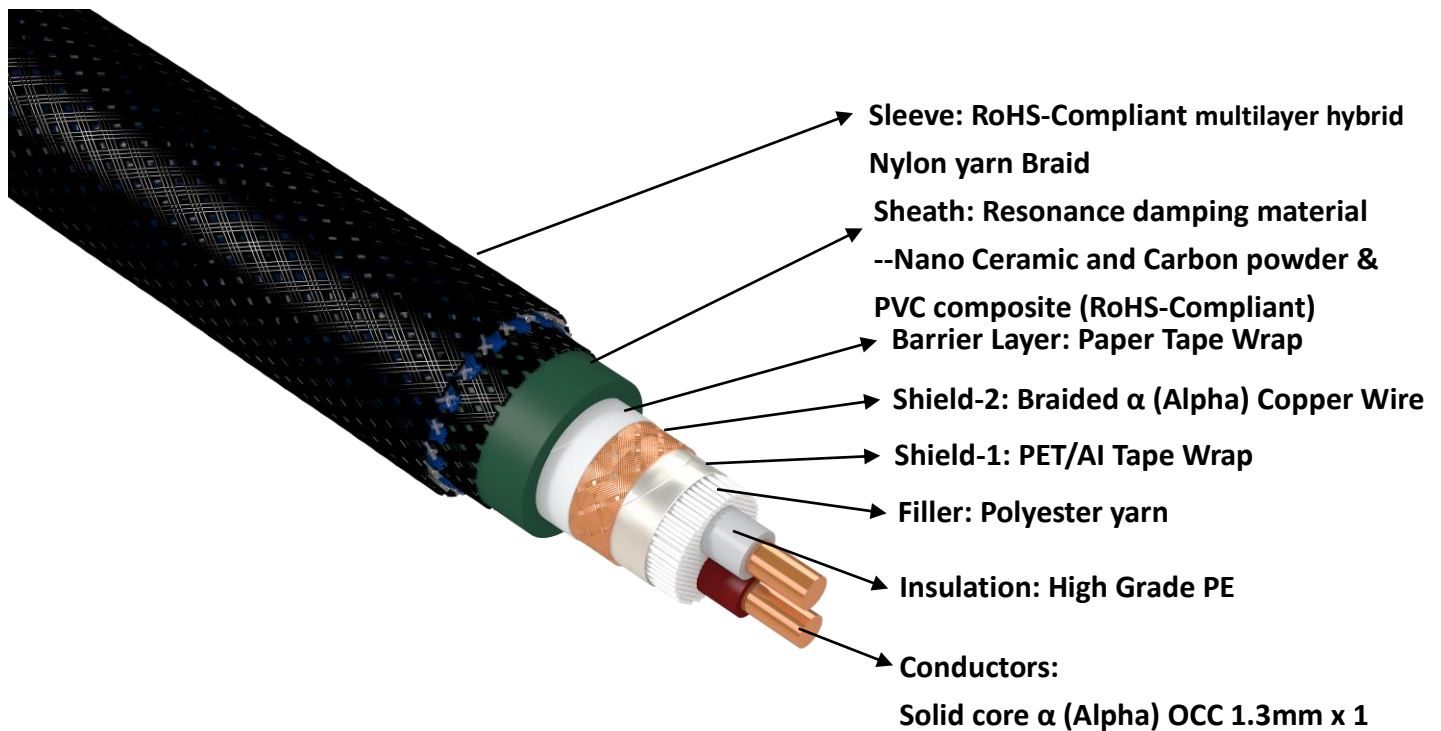
The wideband, smooth, extremely low noise and utterly musical presentation achieved by Furutech's beautifully finished Lineflux NCF (XLR) cables is down to meticulous engineering and a careful audition of various suitable materials. These results in the superb overall balance of qualities that Furutech is known for that allow you to feel, experience and communicate with music.

Furutech Lineflux NCF (XLR) interconnects feature solid-core  $\alpha$  (Alpha) OCC conductor, double-layer shielding and a high-grade polyethylene dielectric and a composite sheath incorporating resonance damping material--Nano

Ceramic and Carbon powder for improved signal transmission. Also featuring CF-601M NCF(R) XLR connectors with special layered 3K silver carbon fiber and stainless housing and a Pin side body formed with Nylon, fiberglass and heat resistant NCF Liquid Crystal Polymer Resin, incorporating nano-sized crystalline piezo ceramic particles, carbon powder and Furutech special “NCF” anti-resonance damping material. The Pins are rhodium plated Pure copper injected with heat resistant NCF Liquid Crystal Polymer Resin. CF-602F NCF(R) XLR connectors have a special layered 3K silver carbon fiber on a stamped brass housing and a contact side body formed with Nylon, fiberglass and heat resistant NCF Liquid Crystal Polymer Resin, incorporating nano-sized crystalline piezo ceramic particles, carbon powder and Furutech special “NCF” anti-resonance damping material. Signal contacts are rhodium plated Pure copper pins. Also featuring NCF material damping clips and a special resonance damping composite release button – formed with stainless steel powder and vibration resistant metal powder.

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.

***α (Alpha) Conductors are comprised of fine OCC wires strands and treated with Furutech’s Alpha Cryogenic and Demagnetizing Process***



### **Features**

- Solid core α (Alpha) OCC Conductor.
- Double-layer shielding for improved noise insulation.
- Insulation/Dielectric: High-grade polyethylene.
- Resonance damping material--Nano Ceramic and Carbon powder & PVC composite sheath.
- Dimensions: Cable diameter approx. 13.0mm.
- Overall length: 1.2M/set.

## Connectors

### CF-601M NCF(R) XLR:

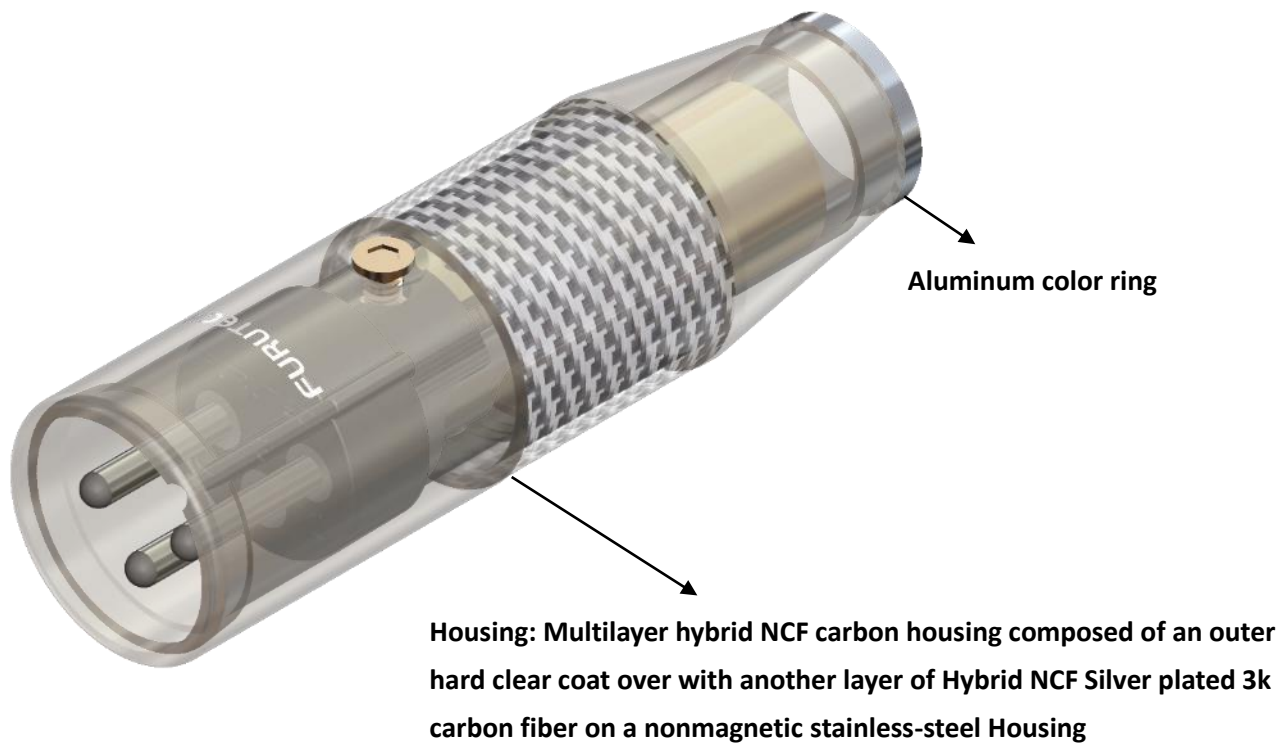
- Rhodium-plated  $\alpha$  (Alpha) Pure copper one-piece construction conductor pin injected with heat resistant NCF Liquid Crystal Polymer Resin.
- Nylon, fiberglass, nano-sized crystalline piezo ceramic particles, carbon powder and Furutech special "NCF" anti-resonance damping material main body combined in heat resistant NCF Liquid Crystal Polymer Resin. 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.
- 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.

### CF-602F NCF(R) XLR:

- Rhodium-plated  $\alpha$  (Alpha) Pure copper one-piece construction conductors.
- Nylon, fiberglass, nano-sized crystalline piezo ceramic particles, carbon powder and Furutech special "NCF" anti-resonance damping material main body combined in heat resistant NCF Liquid Crystal Polymer Resin. 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.
- Special resonance damping composite release button – formed with stainless steel powder and vibration resistant metal powder.
- Chrome-plated brass stamped housing.
- NCF material damping clips.
- 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.

## *XLR connector construction enlarged image*

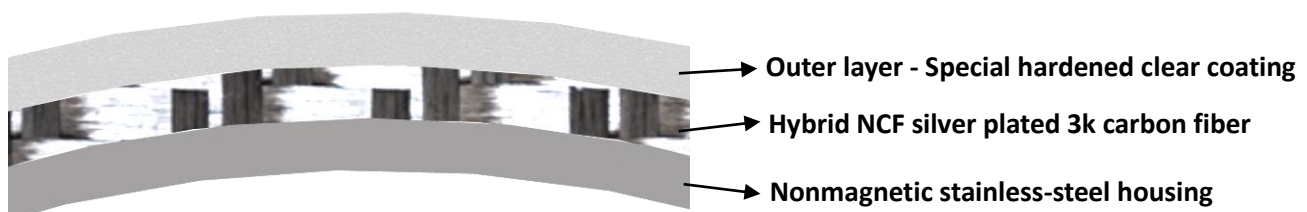
**CF-601M NCF(R):**



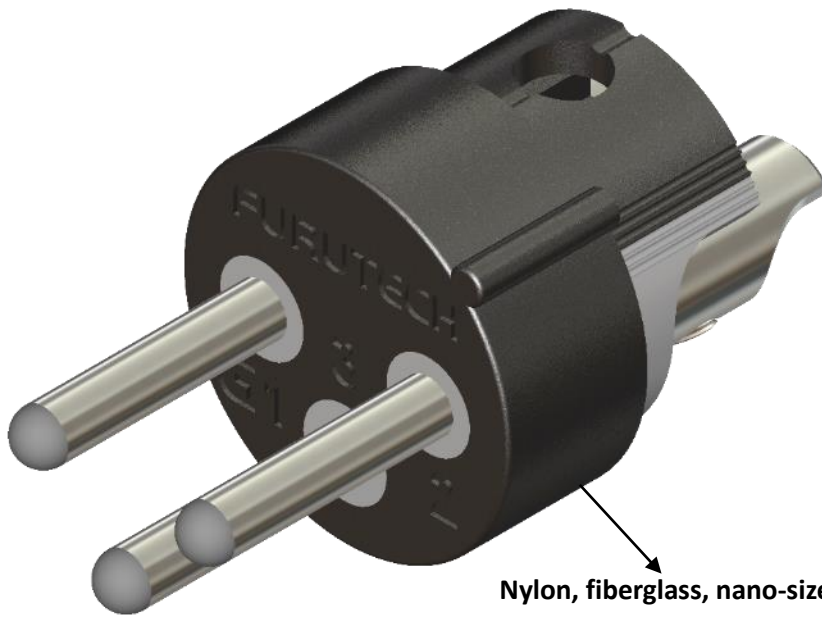
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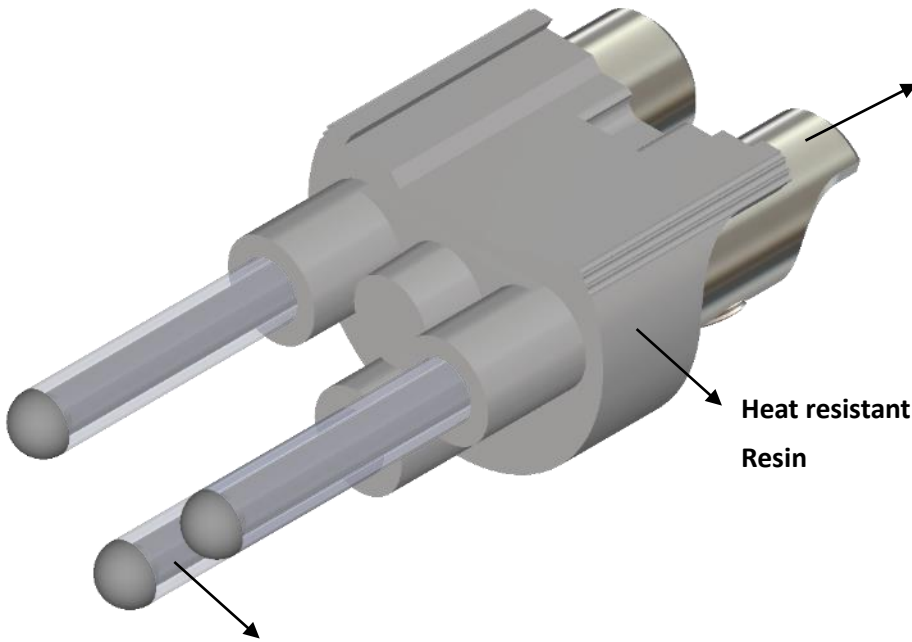
## *Multi-material Housing, Pin and Body structure description*



**CF-601M NCF(R):**



Nylon, fiberglass, nano-sized crystalline piezo ceramic particles, carbon powder and Furutech special "NCF" anti-resonance damping material main body.



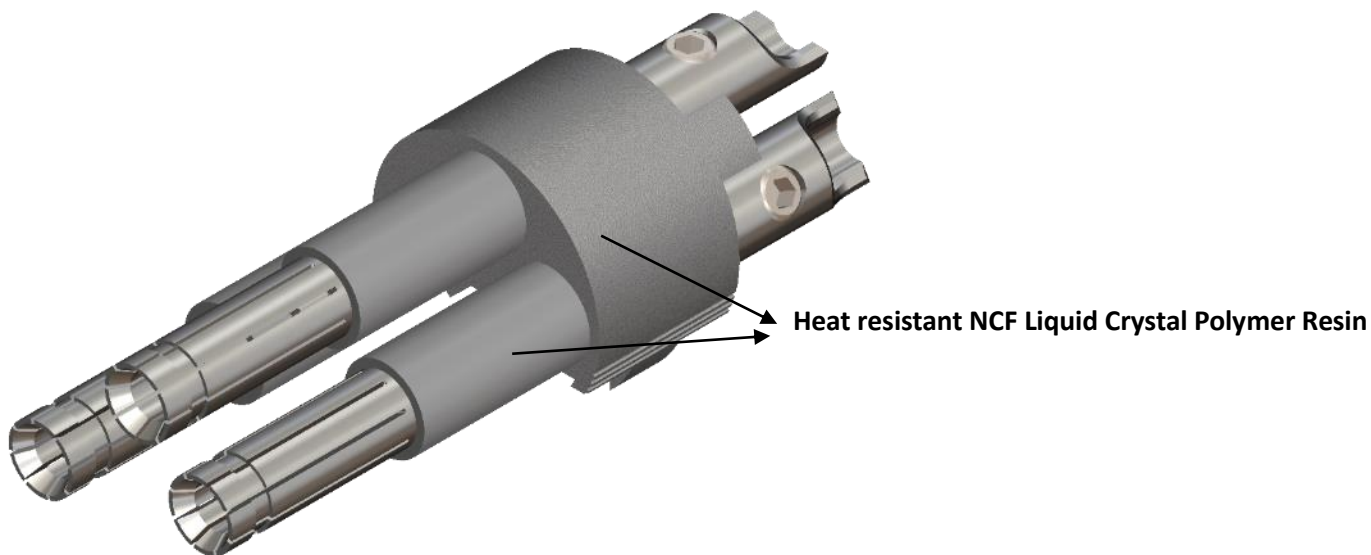
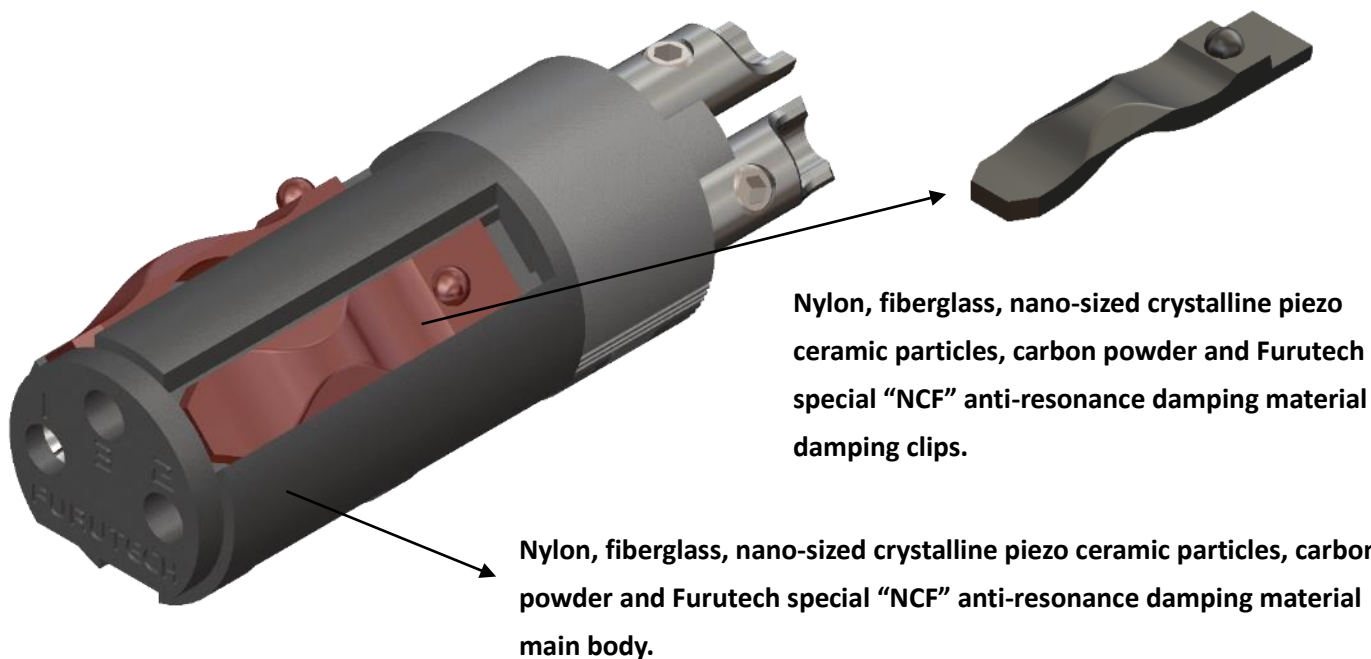
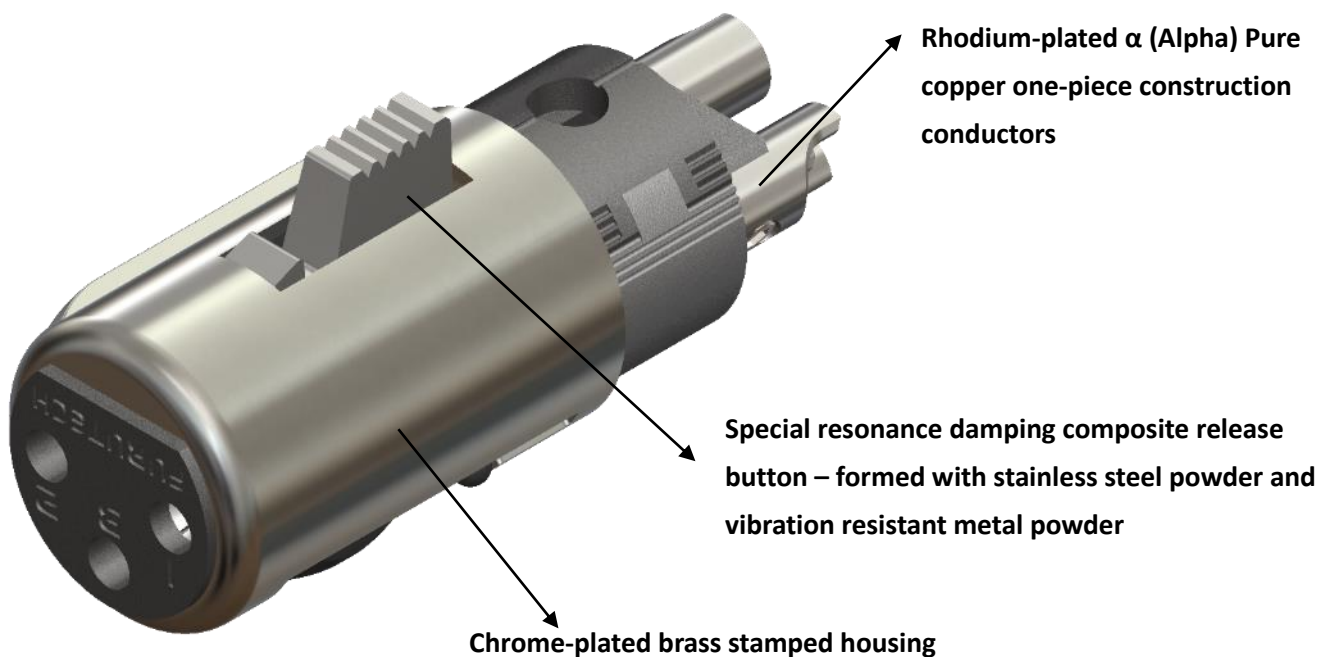
Rhodium-plated  $\alpha$  (Alpha) Pure copper one-piece construction conductor pin

Heat resistant NCF Liquid Crystal Polymer Resin

Pin centers are injected with heat resistant NCF Liquid Crystal Polymer Resin

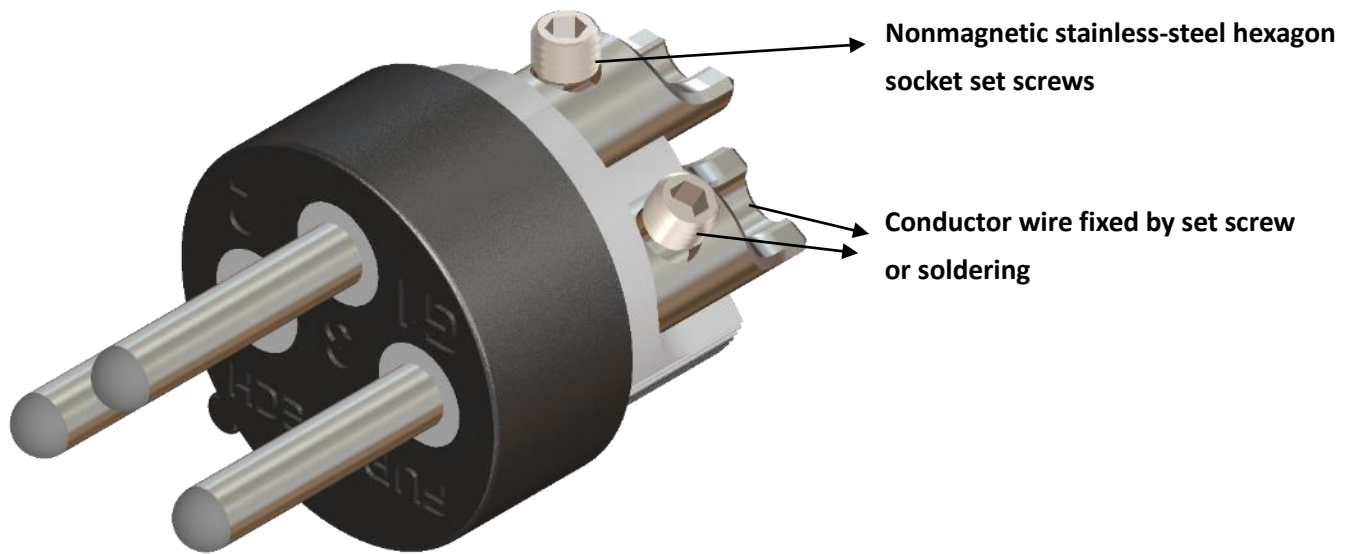
Rhodium-plated  $\alpha$  (Alpha) Pure copper one-piece construction conductor pin injected with heat resistant NCF Liquid Crystal Polymer Resin.

**CF-602F NCF(R):**

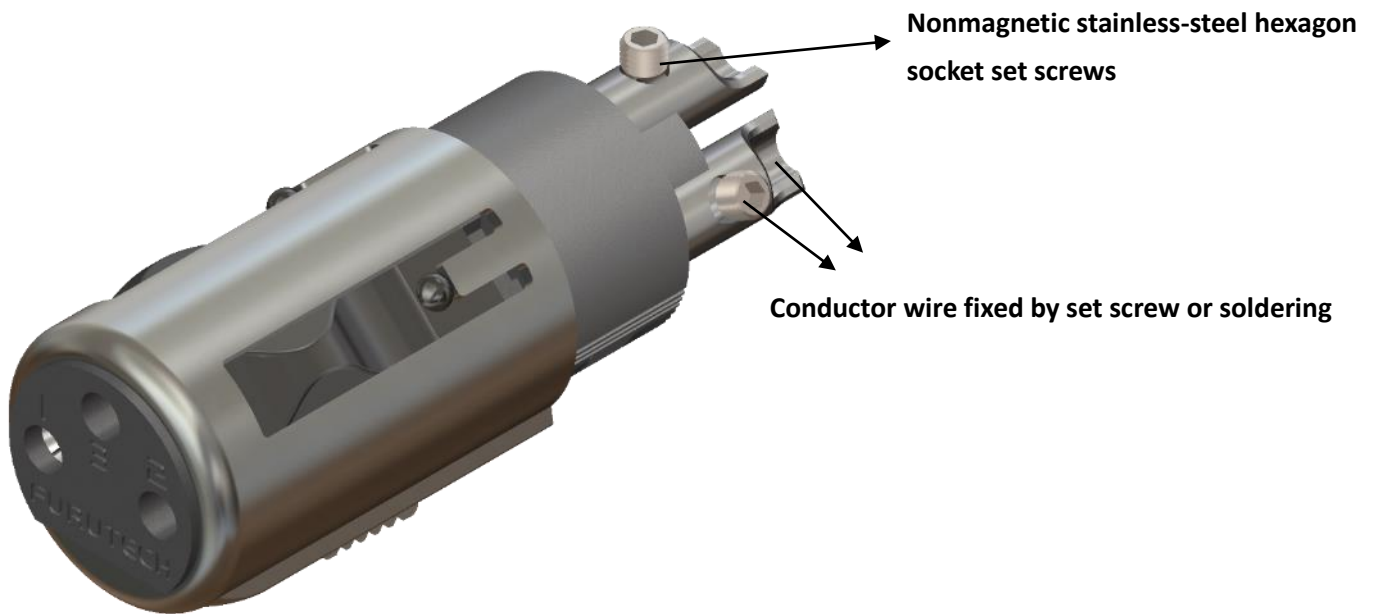


***Specially designed set screw or solder contact points***

***CF-601M NCF(R):***



***CF-602F NCF(R):***



Product name	Product Introduction	Jan Code
Lineflux NCF 1.2M (XLR)	Interconnect Cable (1.2Mx2)	

***All metal parts are treated with \*FURUTECH  $\alpha$  (Alpha) Process (Super Cryogenic & Demagnetize Treatment.)***

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