

FURUTECH

PURE TRANSMISSION



GT4 NCF USB-C (Type-C to C)

Silver-Coated α (Alpha) OCC Conductors

Furutech Flagship USB Cable, USB4 Compatible/40G/240W

Featuring NCF & Deep Gold-Plated Nonmagnetic USB type-C Connectors



Introducing the GT4 NCF USB-C by Furutech, the epitome of USB cable perfection tailored for discerning connoisseurs seeking the pinnacle of USB4 connectivity.

The GT4 NCF USB-C, where cutting-edge technology meets unrivaled performance. Built upon Furutech's decades-long expertise, this cable incorporates the revolutionary Nano Crystal² Formula (NCF) into its design.

Central to the GT4 NCF USB-C is its NCF Connector Shell, boasting a multi-material hybrid construction. This innovative shell harnesses the power of Furutech's special crystalline NCF (Nano Crystal² Formula) material with dual 'active' properties: first, it eliminates static by generating negative ions, and second, it converts thermal energy into far infrared. Furutech enhances this material with nano-sized ceramic particles and carbon powder, leveraging their piezoelectric effect damping properties.

Experience an enhanced depth and focus in the soundstage, enriched harmonics, and perfectly balanced tonalities with the GT4 NCF USB-C. Thanks to NCF technology, low frequencies resonate cleaner, with unparalleled definition and a lowered noise floor, ensuring every note is rendered with utmost clarity and precision.

With over 30 years of expertise, Furutech combines Pure Transmission and Nano Crystal² Formula (NCF) technologies to redefine audio excellence. By eliminating electrical and mechanical resonance, this cable ensures smooth and detailed sound reproduction, especially with high-resolution recordings.

Crafted with precision, the GT4 NCF USB-C features silver-plated α (Alpha) OCC conductors and high-density polyethylene insulation for optimal signal transmission. Its four-layer shielding and plated USB type-C connectors minimize noise interference, resulting in improved imaging, focus, and sound staging.

Elevate your listening experience with the GT4 NCF USB-C. Discover the difference and immerse yourself in the purest form of music enjoyment.

Furutech's Revolutionary Two-Stage Alpha Process:

Furutech pioneers' innovation with a cutting-edge two-stage process designed to enhance audio system performance. In the first stage, metal components undergo deep cryogenic freezing, reducing internal stress and improving structural stability, thus enhancing conductivity and signal transfer.

The second stage involves Furutech's patented Ring Demagnetization treatment, eliminating magnetization effects for immediate improvements in conductivity. Every metallic component undergoes this treatment, ensuring stress-free, stable, and highly conductive materials.

The result? A meticulously engineered synergy of the 2-Step Alpha Cryogenic and Demagnetizing Process, delivering optimized AC power transfer and heightened power, dynamics, and resolution. Experience cleaner backgrounds, expansive soundstage, vivid tonal colors, and deeper frequency range extension.

Important caution for cable direction:

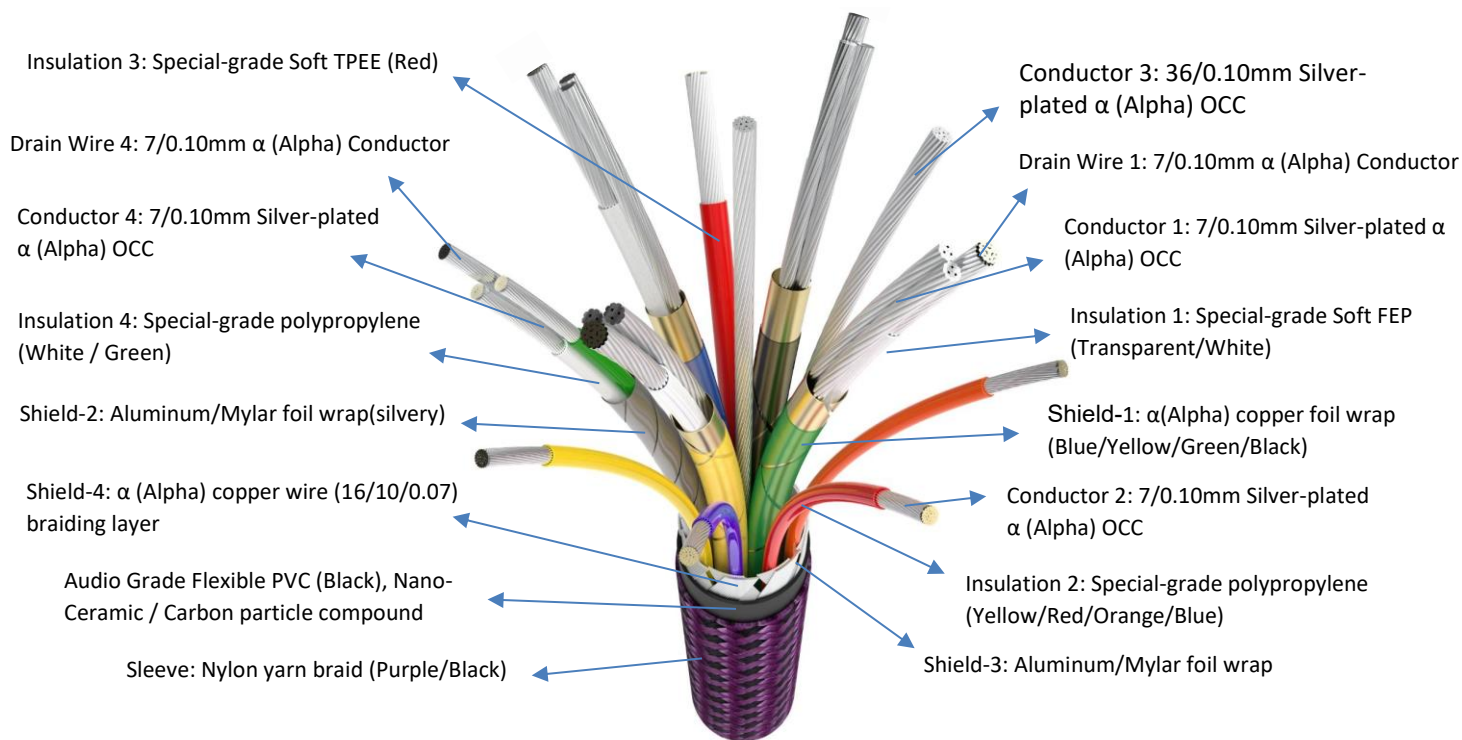
* This USB Cables is directional for optimal sound reproduction. The cable will not be damaged or damage equipment if connected in the wrong direction, but audio signal will not be optimal.

The following is direction for optimal audio signal:

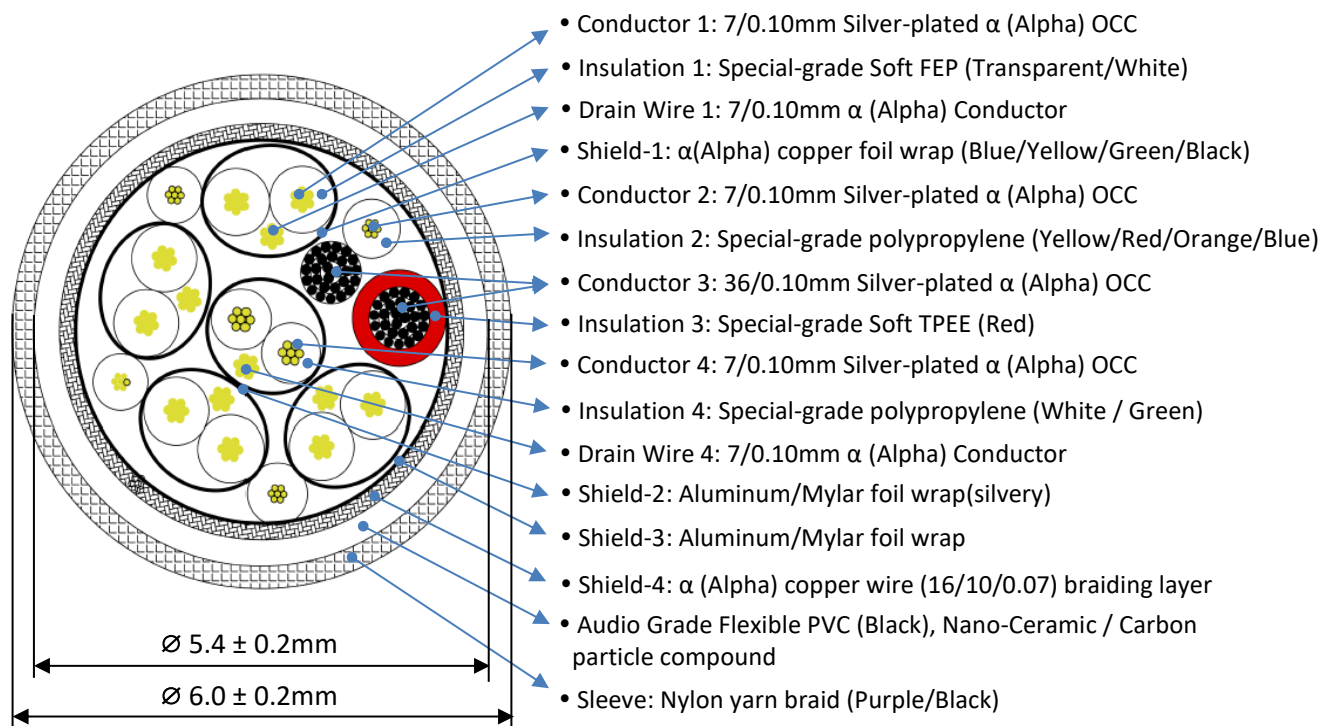


The direction marked by the arrow is the input (source) side. Check the arrow markings on the connector before connecting.

Cable Construction and Materials



Cross sectional view



Features

- NCF Connector Shell (Multi-material hybrid construction)
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. NCF delivers improvements in the depth and focus of the sound stage, harmonics and tonal balance with NCF. Low frequencies are cleaner, with a greater sense of definition made possible by a lowered noise floor.

- USB Grade: USB4 40G 240W(48V/5A) supports
(It also supports the USB PD (USB Power Delivery) standard, and if it supports USB PD EPR, it can supply up to 240W of power.)
- Main conductor: Silver-plated α (Alpha) OCC Conductors
- Main Insulation: Special-grade high-density polyethylene
- 4-layer shield construction for improved noise insulation
- Connectors: Furutech-engineered deep gold-plated copper alloy USB type-C series connectors (minimal magnetic)
- The best damping and insulation materials for improved frequency extension and tonal balance.
- Video Output Support: Allows for smooth transfer of large files such as 4K videos.
※The monitor must support USB type-C video signal input.



Cable Specifications

- Transfer Speed (Theoretical): Supports high-speed data transfer up to 40Gbps.
Power Delivery: Supports power delivery up to 240W (48V/5A).
- Video Output: Enables video output capabilities not found in conventional USB standards. Based on Thunderbolt 3 technology, USB4 supports video signal output in addition to data transfer and power delivery.
- USB Type-C Connector: USB4 is standardized with the USB Type-C connector. Since USB Type-C is reversible, it can be plugged in without worrying about orientation.
- Compatibility: USB4 features backward compatibility. While transfer speeds and functions will be limited to the older version's standards, it can still connect to existing USB standards such as USB 2.0 and USB 3.0.
- The latest Thunderbolt versions are compliant with USB4, enabling high-speed data transfer and video output when connected.
- Cable Lengths: 0.18m (0.6ft) / 0.6m (2ft) / 1.2m (4ft)

Lenth(M)	Version	Data Transfer Speed (Theoretical)	Power Delivery (USB PD EPR)	Video output
0.18	USB4 compatible	40 Gbps Max.	240W Max. (48V/5A)	Supports
0.6	USB4 compatible	40 Gbps Max.	240W Max. (48V/5A)	Supports
1.2	USB4 compatible	40 Gbps Max.	240W Max. (48V/5A)	Supports

Note:

- ※ We recommend aging for 24 hours or more.
- ※ While it is compatible with USB4, please note that achieving the full transfer speed performance of USB4 still requires appropriate configuration adjustments to suit your device and environment.
- ※ Furutech uses non-magnetic copper alloy for some parts. However, copper alloy parts may have weak magnetism due to stress on the metal generated during manufacturing.

Product name	Product Introduction	JAN Code
GT4 NCF USB-C-0.18m	High End performance USB4 cables	4580370445350
GT4 NCF USB-C-0.6m	High End performance USB4 cables	4580370445367
GT4 NCF USB-C-1.2m	High End performance USB4 cables	4580370445374

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

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