

PRESS RELEASE
for immediate attention
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Furutech launches new flagship USB cable - GT4 NCF USB-C



Furutech introduces the new GT4 NCF USB-C: a next-generation USB4 cable engineered for high-performance audio and AV systems, where mechanical stability, signal integrity and noise suppression are critical.

Developed for high-performance audio systems and advanced digital transports, Furutech's new flagship GT4 NCF USB-C cable integrates the company's latest materials science research with its long-established 'Pure Transmission' engineering approach.

Advanced 'NCF' connector shell

At the core of the GT4 NCF USB-C is an advanced connector shell - a multi-material hybrid structure that harnesses the power of Furutech's proprietary NCF (Nano Crystal² Formula) with its two '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 combined piezoelectric damping effect.

This composite structure is engineered to suppress electrical and mechanical resonance, supporting greater stability in high-speed data transmission and lowering the noise floor.

USB4 performance with audiophile-grade construction

The GT4 NCF USB-C is fully compliant with USB4 40Gbps specifications and supports power delivery up to 240W (48V/5A). Crafted with precision, its construction includes:

- Silver-plated Alpha-treated* OCC conductors for low-resistance, high-purity signal transfer.
- High-density polyethylene insulation for optimal signal transmission.
- Four-layer shielding to minimise electromagnetic and RF interference.
- Gold-plated, copper-alloy USB-C connectors, engineered for minimal noise interference.

The cable also supports video output, enabling the transfer of high-bandwidth content such as 4K video when used with compatible USB-C displays.

*Furutech's two-stage 'Alpha' process

All conductive metal components in the signal path undergo Furutech's proprietary two-stage 'Alpha' process designed to enhance audio system performance:

- **Deep cryogenic freezing** reduces internal stress within the metal structure, improving structural stability and conductivity.
- **Ring demagnetisation** then removes any residual magnetisation that can influence signal behaviour.

By eliminating electrical and mechanical resonance and ensuring a consistent, low-distortion, low-noise transmission environment, Furutech's GT4 NCF USB-C cable ensures smooth and detailed sound reproduction, especially with high-resolution recordings

Listeners can expect cleaner backgrounds, vivid tonal colors, enriched harmonics and an enhanced depth and focus in the soundstage. Low frequencies are cleaner, with a greater sense of definition made possible by a lowered noise floor, ensuring that every note is rendered with utmost clarity and precision.

Specifications

- USB Standard: USB4 supports high-speed data transfer up to 40Gbps; backward-compatible with USB 3.0 / 2.0.
- Power delivery: Up to 240W (48V/5A).
- Conductors: Silver-plated α (Alpha) OCC.
- Insulation: High-density polyethylene.
- Shielding: Four-layer construction.
- Connectors: Deep gold-plated copper-alloy USB-C.
- Video output: Based on Thunderbolt 3 technology, enables video output capabilities not found in conventional USB standards (monitor must accept USB-C video input).
- Lengths: 0.18m / 0.6m / 1.2m.

Pricing & availability

Furutech's GT4 NCF USB-C cable is available now, priced according to length as follows (inc. VAT):

GT4 NCF USB-C	0.18m (0.6ft)	£160
GT4 NCF USB-C	0.6m (2ft)	£180
GT4 NCF USB-C	1.2m (4ft)	£215

Consumer contacts for publication

www.furutech.com

UK distributor:

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For more information, product samples or high-resolution print-ready images please contact David Denyer on +44 7976 646 404 or david@ddpr.co.uk.

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