

FURUTECH

PURE TRANSMISSION



Project V1-LAN

Silver-Coated α (Alpha) OCC Conductors
Featuring NCF & Refined carbon fiber composite materials
crafted through a specialized forging process.

Furutech's Top-of-the-line Performance Category 8 LAN Cable
(All lengths are custom built to order)



Introducing the Furutech Project V1-LAN — the pinnacle of high-end, audio-grade LAN cables, meticulously engineered to elevate digital audio performance to unprecedented levels. Designed with the same precision and uncompromising philosophy as the Project V1 power cord, Project V1-L interconnects, and Project V1-S speaker cables, the Project V1-LAN delivers exceptional resolution, transparency, and sonic accuracy, ensuring your music is reproduced with absolute fidelity.

At its core, the Project V1-LAN employs Furutech's silver-plated α (Alpha) OCC conductors, each subjected to Furutech's proprietary cryogenic and demagnetizing α -Process. This treatment optimizes conductivity, minimizes distortion, and preserves signal purity, resulting in an audio presentation of remarkable realism, nuance, and immediacy—suited to the most demanding audiophiles and professional listeners alike.

To further protect signal integrity, Furutech integrates its advanced NCF (Nano Crystal² Formula) technology throughout the cable's construction. NCF actively suppresses static, resonance, and electrical noise, allowing micro-detail, dynamic contrast, and spatial depth to emerge naturally from a quieter, more stable background.

The Project V1-LAN is built with a sophisticated multi-layer structure, combining high-grade insulation, vibration-damping materials, and extensive shielding to prevent external interference and minimize signal degradation. A five-layer shielding system, double-layer outer sleeve, and hollow-tube fillers work together to reduce mechanical resonance and maintain a pristine transmission environment.

Every aspect of the cable reflects Furutech's meticulous engineering approach. The Project V1-LAN achieves its exceptionally transparent and noise-free presentation through the synergy of α (Alpha) silver-coated OCC conductors, advanced damping architecture, and precision assembly. A specially engineered cable damping ring further enhances mechanical stability, improves grip, and helps prevent subtle distortions caused by vibration.

Exclusive Project V1-LAN connectors, including the RJ45 plugs and damping rings, incorporate Furutech's antistatic and anti-resonance NCF material combined with high-grade nylon insulation. The connector conductors are formed from α (Alpha) weak-magnetic copper alloy with 24k gold plating, housed in NCF-insulated bodies for optimal electrical and mechanical performance. Connector housings and damping rings feature a four-layer hybrid NCF carbon-fiber structure, finished with a hardened clear damping coating for maximum rigidity and resonance control.

Elevate your system to its highest potential with the Furutech Project V1-LAN. By addressing every detail of the digital signal path—especially at the source—it delivers an immersive, emotionally engaging listening experience marked by realism, coherence, and a convincing sense of presence. This is meticulous system preparation taken to its ultimate conclusion, where technology disappears and music takes over.

Nano Crystal² Formula (NCF)

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.

Project V1-LAN Cable Design



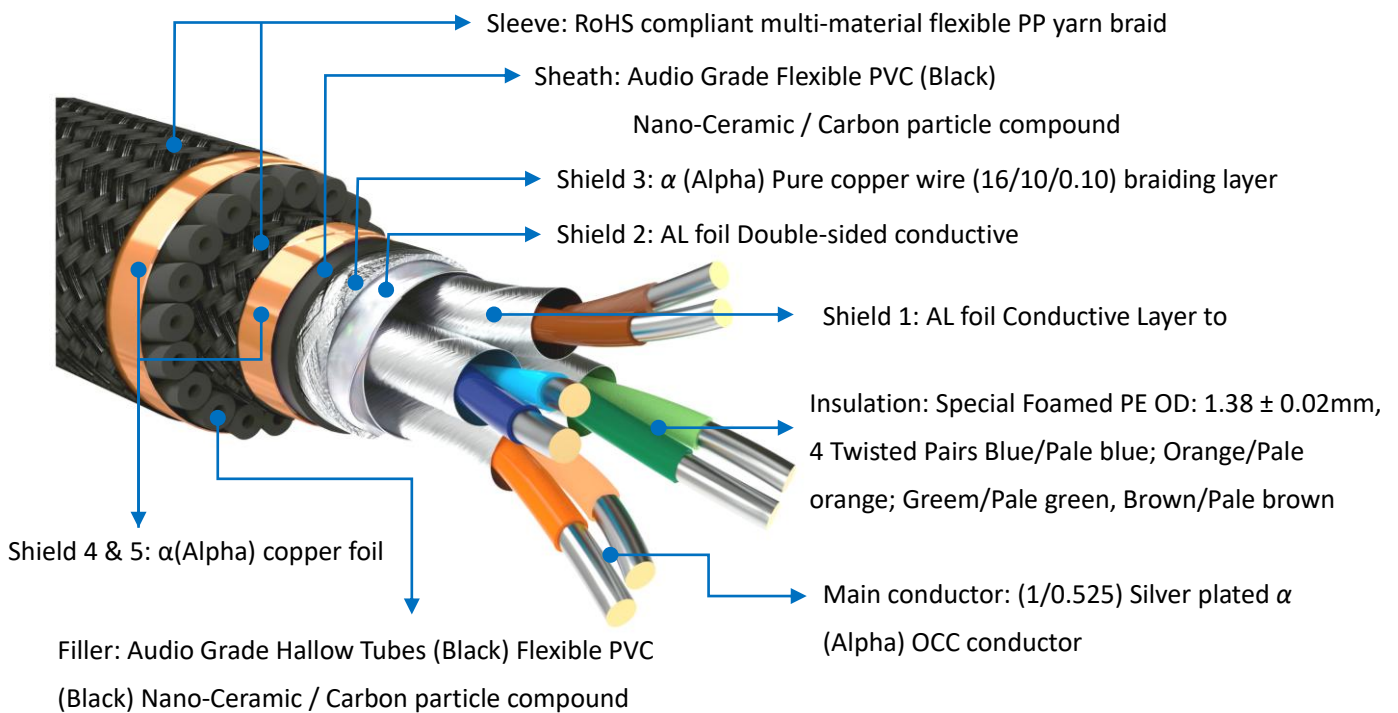
Specially designed Sleeve:

Designed to limit resonance and stress on the cable while remaining flexible, the special sleeve features high-grade soft damping polypropylene and cross weaved hard fiber. (0.02mm soft polypropylene / 0.2mm hard polypropylene)

α (Alpha) conductor is the fine OCC conductor wires treated with the α (Alpha) process.

Category 8 (8P8C S/FTP) LAN Cable

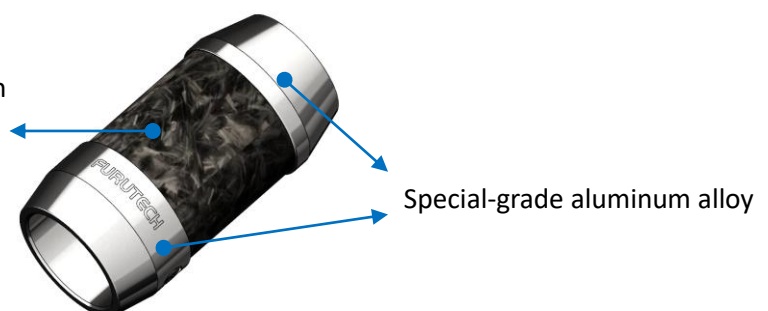
Cable construction image



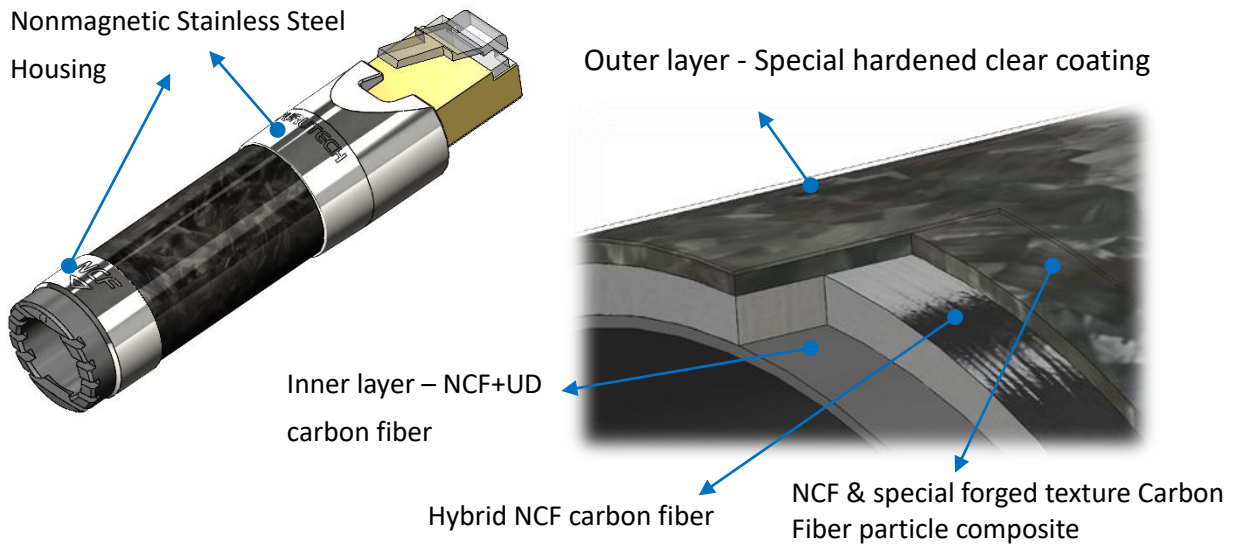
Features:

- Project V1-LAN Cable damping ring
Carefully engineered cable damping ring improves grip and reduces mechanical and electrically induced distortion.

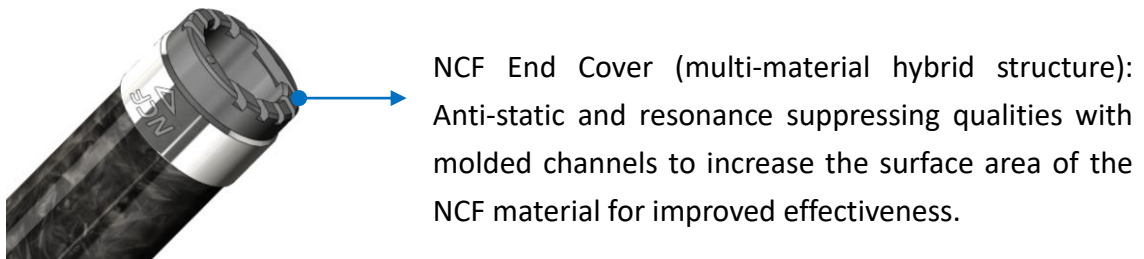
NCF & special forged texture Carbon Fiber particle composite



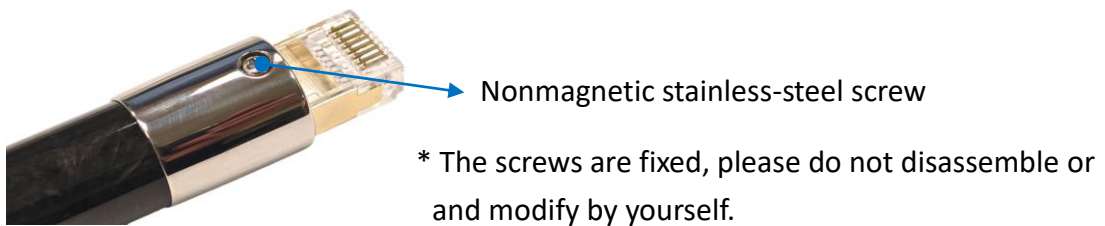
- The Project V1-LAN housing body ring has been formed from special resonance damping Stainless Steel and Furutech's NCF material and the housing constructed of 4 layers of special hybrid NCF forged texture carbon fiber. The best of damping and insulation materials improve frequency extension and tonal balance.



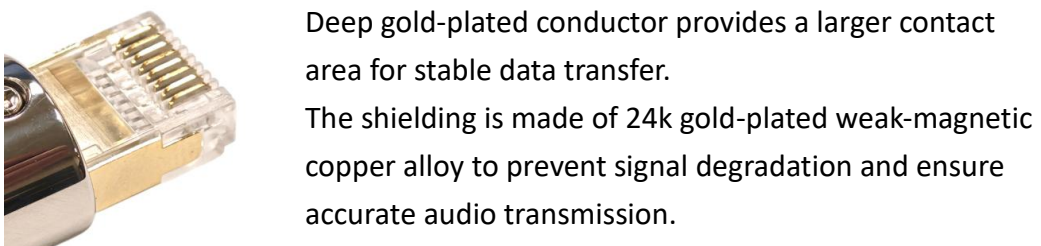
- The NCF End Cover is formed from special heat-resistant nylon and Furutech's NCF material for improved effectiveness – ultimate resonance damping for improved tonal balance.



- The main body and shell of the product are fixed with special anti-shock stainless steel security screws customized. Factory adjusted to optimum torque value for performance



- Deep gold-plated weak-magnetic RJ45 connectors



- **Important caution for cable direction:**

* This LAN 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 Arrow marked on the damping ring indicates signal transmission flow from output to input

- 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.
- Category 8 is backward compatible with Categories 7 and 6. It also features improved specifications for crosstalk and system noise than Category 7 with added shielding for each individual wire pair and the cable as a whole. Besides the additional shielding, the Project V1-LAN features twisted pairs with the number of twists per unit length increasing RF shielding and protecting from crosstalk.
- Category 8 cable allows 40 Gigabit Ethernet and frequencies of up to 2000 MHz (Category 7 X 3.3). Noise interference resistant, providing a fast and stable network environment.
- Main conductor wire: 24 AWG (1/0.525) Silver plated α (Alpha) OCC conductor for minimal transmission loss.
- Deep gold-plated weak-magnetic RJ45 connectors: Thick gold-plated conductor provides a larger contact area for stable data transfer.
The shielding is made of 24k gold-plated weak-magnetic copper alloy to prevent signal degradation and ensure accurate audio transmission.
- 5 Layered Shielding with superior noise isolation aluminum foil and copper braiding exceeding shielding effects of conventional cables. Effectively isolates noise dramatically improving sound reproduction.
- The best damping and insulation materials for improved frequency extension and tonal balance.
- Jacket: UL/CL3 flammability-rated, RoHS-compliant flexible black PVC with a high-quality nylon yarn braided sleeve. This construction effectively reduces internal resonance and enhances damping performance.
- Cable Outer Diameter: 13.5mm \pm 0.15mm approx.
- Production Lengths: 0.6M/1.2M/1.8M/2.5M/3.6M (All lengths are custom built to order)

Note:

- ✘ The screws of this product are fixed. Please do not disassemble or modify by yourself.
- ✘ For best results, loosen housing and plug into vacant output terminal and lock housing.
- ✘ We recommend aging for 24 hours or more.

- ※ The carbon fiber pattern of the shell varies depending on the product. It is formed with composite carbon damping material and will only enhance the listening experience.
- ※ Furutech uses non-magnetic stainless steel for some parts. However, stainless steel parts may exhibit weak magnetism due to stresses created during fabrication. It does not affect performance.

Product name	Product Introduction	JAN Code
Project V1-LAN- 0.6M	High End Performance Ethernet Cable	4580370445305
Project V1-LAN-1.2M	High End Performance Ethernet Cable	4580370445312
Project V1-LAN- 1.8M	High End Performance Ethernet Cable	4580370445329
Project V1-LAN- 2.5M	High End Performance Ethernet Cable	4580370445336
Project V1-LAN- 3.6M	High End Performance Ethernet Cable	4580370445343

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

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