

FURUTECH

PURE TRANSMISSION



e-TP609E NCF-N1 AC Power Distributor

*Features Axial Locking System [USA Patent No.7,648,391 / JP Patent No. 4616208]
and EMI-Absorbing Formula GC-303
-----Nano Crystal² Formula-----*



*ADVANCED MATERIALS AND TECHNOLOGIES ENSURES STABLE QUIET POWER
FOR YOUR ENTIRE SYSTEM*

Furutech e-TP609E NCF-N1 Power Distributor

Extreme Top-End Performance at a Reasonable Price

The Furutech e-TP609E NCF-N1 is a reference-grade, dual-section power distributor crafted for discerning audiophiles and videophiles who demand uncompromised performance and design. By addressing the critical issue of power line contamination—often overlooked in high-end systems—the e-TP609E NCF-N1 delivers cleaner, more stable energy to your components, elevating sound quality. Whether you're experiencing harsh, flat highs, bloated midrange, or a lack of soundstage definition—or noticing ghosting, color shift, or noise on your display—these are likely symptoms of polluted AC power. The e-TP609E NCF-N1 eliminates these problems through precision engineering and advanced materials, all at a price point that defies expectations for this level of quality.

Performance You Can Hear and See

Power is the foundation of every high-end system. By refining this foundation, the e-TP609E NCF-N1 restores dynamics, clarity, and dimensionality to your music while reducing video noise and enhancing precision. Experience deeper bass, a more transparent midrange, and crystalline highs!

Advanced Noise Suppression with Furutech's Nano Crystal² Formula (NCF)

At the heart of the e-TP609E NCF-N1 is NCF (Nano Crystal² Formula), a proprietary material developed by Furutech. This cutting-edge technology features a crystalline compound with two active properties:

- It generates negative ions to eliminate static.
- It converts thermal energy into far infrared to dissipate heat.

Combined with nano-sized ceramic particles and carbon powder for their piezoelectric damping effect, NCF is the ultimate electrical and mechanical noise suppression solution—exclusive to Furutech products.

Precision-Crafted Aluminum Chassis with Internal Shielding

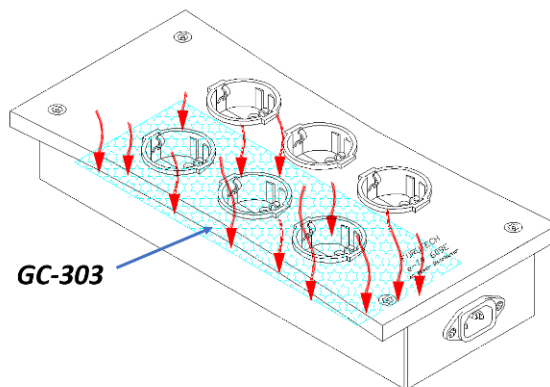
Each e-TP609E NCF-N1 is CNC machined from premium-grade aluminum blocks, forming a rigid, vibration-resistant, non-resonant chassis. The internal layout separates the six Furutech FI-E30 NCF(R) high-performance AC receptacles, each housed in its own chamber for maximum isolation and noise control and the chassis is finished with a nonresonant coating. Additionally, a layer of Furutech's GC-303 EMI-absorbing material is integrated inside the chassis to further suppress electromagnetic interference, while the aluminum exterior provides full RFI shielding.



Extremely effective nonresonant coating (black)

Formula GC-303

GC-303 is a special material Furutech bonds to the interior bottom-plate of the chassis (see illustration below), absorbs EMI (Electromagnetic Interference) generated by the *internal* fittings of the unit. The e-TP609E NCF-N1 uses no filtering besides Formula GC-303 so AC resistance is kept to a minimum, allowing a more resolving, powerful, dynamic, and colorful performance from your components.



GC-303 Absorbs Internally Generated EMI

Audiophile-Grade Internal Wiring and Connections

- Furutech μ -14 internal wiring (2.0 sq. mm / 14 AWG) ensures ultra-low resistance and high conductivity.
- Furutech Hyper Quality FI-E30(R) High End Performance SCHUKO Sockets are wired to the High-End Performance FI-09(R) IEC AC input of the e-TP609E NCF-N1. They feature Rhodium-plated non-magnetic conductors for stable, long lasting, optimized power transfer.
- All receptacles feature rhodium-plated, non-magnetic, pure copper conductors—offering long-term durability and uncompromising power transfer integrity.



FI-E30 NCF (R)



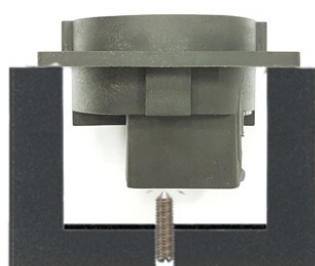
FI-09 NCF (R)

Furutech's Patent-Pending Axial Locking System [USA Patent No.7,648,391 / JP Patent No. 4616208]

Furutech designed a special locking screw that anchors each schuko socket preventing oscillation and enhancing long-term stability.



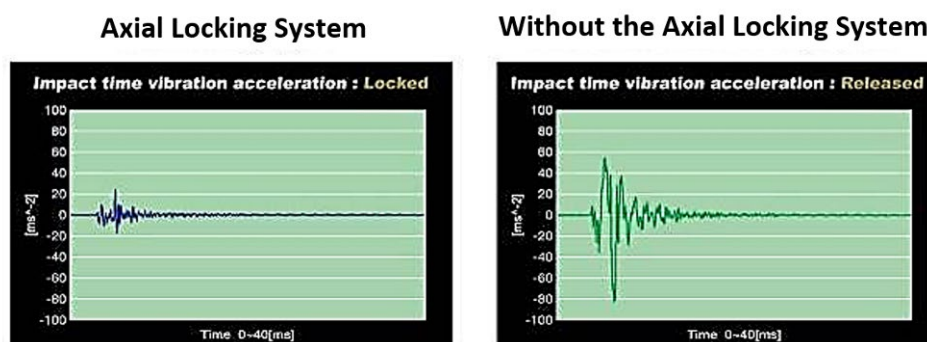
Locking screw



Axial Locking System



Non-Axial Locking System



Axial Locks Reduces Noise, Oscillation and Vibration by Nearly a Factor of Ten!

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 -250C. 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* magnetization effects; they leave some areas more magnetized than others. Just like a CD spinning over a fixed magnet; when the CD stops the area above the magnet is still exposed to the magnetic field causing audible effects. This patented process uses controlled attenuation to completely eliminate 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.

The Final Result

The 2-Step Alpha Cryogenic and Demagnetizing Process works in tandem with other design-in features to create the most optimized AC power transfer possible. Furutech's total awareness and devotion to detail results in a greater sense of power, dynamics, and resolution, with cleaner, blacker backgrounds and a larger, more stable soundstage, vivid tonal colors and deeper extension at both ends of the frequency range. The e-TP609E NCF-N1 will allow the delicacy, refinement and nuance of a performance through, along with micro- and macro-dynamics that will leave you breathlessly engaged. Displays of all types will exhibit greater, sharper resolution with less ghosting, color shift, "snow", or vertical and horizontal lines.

Features:

- Outlets: Six SCHUKO chassis socket FI-E30 NCF(R)
 - Main conductors: α (Alpha) Pure copper Nonmagnetic Rhodium plated main Conductor
 - Dimensions: 50.6mm $\times$ 50.6mm $\times$ 36.0mm (L $\times$ W $\times$ H)
 - Insulation Materials: Nylon/fiberglass incorporating special "NCF" anti-resonance
 - Damping material - nano-sized crystalline, piezo ceramic particles and carbon powder
- Inlets: FI-09 NCF(R) IEC AC input
 - rhodium-plated α (Alpha) pure-copper conductors.
 - Body material: Nylon/fiberglass "NCF" with a special anti-resonance nano-sized crystalline, piezo ceramic particles and carbon damping material.
- Axial Locking System [**USA Patent No.7,648,391 / JP Patent No. 4616208**]
- Formula GC-303
- Internal wiring: Furutech μ -14 conductor at 2.0 sq. mm (14 AWG)
- Beautifully-crafted special grade aluminum chassis, finished with an extremely effective nonresonant coating (Black).
- Effectively shields against RFI (Radio Frequency Interference)
- All conductors treated with Furutech's α (Alpha) Cryogenic and Demagnetizing Process
- Dimension: 266(l) $\times$ 130(w) $\times$ 56.5 (h) mm $\pm$ 1mm Approx. (without feet)
- Net Weight: 2.80kgs Approx.
- Rating: 10A 125V AC

Product name	Product Introduction	JAN CODE
e-TP609E NCF-N1	Top-of-the-Line Power Distributor	4580370445152

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

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FURUTECH CO., LTD.

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