

# FURUTECH

PURE TRANSMISSION

**AEx**  
オーディオ銘機賞  
Audio Excellence Award 2008



## *e-TP60 AC Power Distributor*



### ***Furutech's Award-Winning Pure Transmission Build Quality***

Furutech power distributors, from the cost-effective e-TP-60, the popular e-TP609, the Dual Mode e-TP4+4 or e-TP80 distributor/filter, or the new cost-no-object Pure Power 6, display the same integrity of build quality. Furutech Pure Transmission technology turns a macro lens on every element of power and signal transfer applying optimized engineering solutions to well-known problems such as contact resistance, EMI and RFI rejection using the best materials and processes available.

Many A/V enthusiasts go to great lengths to carefully set up major system components, but pay little attention to the source, the AC power. The e-TP60 Power Distributor and Filter eliminates many common problems found with audio and video components caused by contaminated power. The beautifully crafted special grade aluminum chassis effectively shields against RFI (Radio Frequency Interference) while a layer of a 3M-based material called Formula GC-303 is bonded to the bottom interior plate and absorbs EMI, plus all metal parts are subjected to the deep cryogenic and demagnetizing Super Alpha Process.

Internal wiring is Furutech  $\alpha$  Alpha 22, 3.8 sq. mm (< 12 AWG) guaranteeing extra low resistance. Furutech FP-20A(G) Pure Transmission Receptacles are “star-wired” to the IEC AC input of the e-TP60 -- separate sets of conductors for each of the three duplex receptacles. They feature 24K gold-plated phosphor bronze, non-magnetic conductors for stable, long lasting, optimized power transfer.

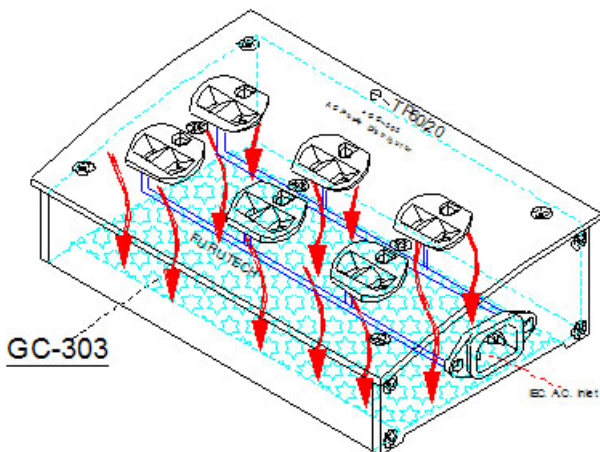
**MSRP: \$280 • Available: Now**

**Features:**

- 4 unfiltered outlets
  - Power amplifiers, preamplifiers, analog devices
- 4 EMI-filtered outlets
  - CD, DVD and other digital components
  - TV and digital accessories
- Pure Transmission FP-20A(R) Receptacles
  - Nonmagnetic 24k gold-plated phosphor bronze
- Beautifully-crafted highest grade aluminum chassis
  - Effectively shields against RFI (Radio Frequency Interference)
- Layer of Formula GC-303 bonded to bottom plate
  - Absorbs EMI (Electro Magnetic Interference)
- Internal wiring: Furutech  $\mu$ -14, 2.0 sq. mm (14 AWG)
  - Guarantees low electrical resistance

**Formula GC-303**

GC-303 is a special material Furutech bonds to the interior bottom-plate of the chassis (see illustration below) that absorbs EMI (Electromagnetic Interference) generated by the *internal* fittings of the unit.

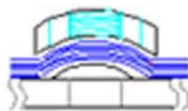


### ***Furutech's Two-Stage Cryogenic and Demagnetizing Alpha Process***

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 manufacturing 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 a powerful Ring Demagnetization treatment. Ordinary high power magnets used for this purpose often *increase* magnetic effects; they leave some areas more magnetized than others. 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. The patent holder for this treatment is Sekiguchi Machine Sale Co., Ltd. in Japan; Furutech are licensed users of the technology

### ***"W" Wire Clamp Pressure Plate***



Our Pressure Plate



Common Pressure Plate

#### *Electrical Properties G-314-Ag-18*

Max. Conductor Resistance

10.0  $\Omega$  / km

Min. Insulation Resistance

1000 M $\Omega$ -km

Dielectric Strength

AC. 1000 V / 1 min.

#### *Test Method*

JISC3005 6 20°C

JISC3005 9.1 20°C

JISC3005 8

## The Critics Speak

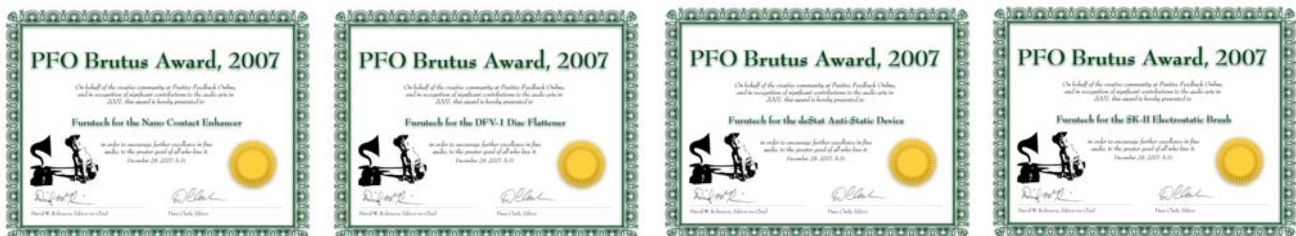
“Sometimes simpler solutions are better solutions—a notion that perhaps explains why Furutech’s e-TP609 six-outlet power distribution module works so well. ... The e-TP609 is not a “power conditioner,” since it doesn’t provide active, in-line power-purification/filtration circuitry of any kind. ... a simple six-outlet power-distribution box that features a robust metal chassis, high-quality vibration-damped “Axial Locking” AC outlets, ultra-high-purity copper wiring, and passive noise filtration via strategically placed panels of an EMI-absorptive material called GC-303 (developed by 3M). ... In practice, the e-TP609 yields a noticeable reduction in background noise and grunge, coupled with a smooth, organic sound that allows music’s natural beauty to flow freely.”

Reviewed by Chris Martens, Issue 173 of *The Absolute Sound*

“The Furutech e-TP 609 Power Distributor and Power Reference III AC cables represent a revolutionarily passive approach to realizing our system’s potentials, striking a sharp contrast to other companies’ goal of system enhancement via active conditioning. In short, the e-TP 609 acts as a gravitational core for the absorption of EMI ... its ability to captivate rampant interferences was revelatory.

“The combined strengths of the e-TP 609 and Power Reference III yielded colossal sonic gains in the form of less-fatiguing spectral presentation with no loss in tonal intensity, more exposed low-level details in higher micro- and macrodynamics contrasts, higher level of ambience retrieval and spatial recreation, and finer textural presentation. ... The Furutech power management system of e-TP 609 and Power Reference III are the only sonically non-invasive AC augmentation devices I’ve used, constituting a new standard in signal refinement.”

Reviewed by Constantine Soo, *Dagogo.com*



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