





### Cable Construction and Materials

- 68-strand  $\alpha$  (Alpha) OCC conductor • 0.127mm x 7 x 3 cores, 2.8mm diameter
- Insulation/Dielectric: Special Grade PE (Red/Natural/Yellow) 5.4mm diameter
- Inner Sheath: RoHS-compliant flexible PVC incorporating carbon powder
- Shield: 0.12mm diameter  $\alpha$  (Alpha) Conductor wire braid
- Outer Sheath: RoHS-compliant flexible PVC (Purple/Red) 16.5mm diameter
- Jacket: Nylon braid approx. 17.5mm diameter

### Features:

- Fitted with Furutech's *top-of-the-line* FI-50 Piezo Ceramic series connectors
- Furutech's beautifully-finished FI-50(R) IEC and FI-50M(R) Piezo Ceramic series connector housings are made of layers of carbon fiber in a damping and insulating acetal copolymer surrounded by nonmagnetic stainless steel
- The connector bodies combine two "active" materials: Nano-sized ceramic particles and powdered carbon. Nylon and fiberglass are incorporated as well forming an extremely effective, *mechanically and electrically* nonresonant connector body that may just be the most sophisticated in the world.
- Piezo Ceramic series connectors feature  $\alpha$  (Alpha) Pure Copper conductors equipped with Furutech's advanced Earth/Ground Jumper System (US Patent No.: 6,669,491)
- Patent-pending metal cable clamps improves grip and reduces mechanically- and electrically-induced distortion -- also features patent-pending specially-shaped pressure plates
- Cable features a full  $\alpha$  (Alpha) conductor shield to protect the signal from radiated noise
- RoHS-compliant flexible PVC sheaths enhances vibration control
- Special high-grade PE insulation/dielectric reduces capacitance

### Electrical Properties

Max. Conductor Resistance	4.5 $\Omega$ / km
Min. Insulation Resistance	2500 M $\Omega$ -km
Dielectric Strength	AC.3000 V / 1 min.

### Test Method

JISC3005 6	20°C
JISC3005 9.1	20°C
JISC3005 8	

***α (Alpha) Conductors are Fine OCC Wires Strands and Treated With Furutech's α (Alpha) Cryogenic and Demagnetizing Process***

Furutech makes a wide variety of high performance 15A and 20A A/V cable and power connectors and parts, as well as distribution/filtering products like the new 120Hz standard xv1.3 HDMI cable, Ag-12 Silver Tonearm Cable, Pure Power 6, e-TP4+4, e-TP609 and e-TP60 Power Distributors, and e-TP80 Power Filters, deMag Disc and Cable Demagnetizer, the deStat, a fan-driven, Balanced Ion Drive device for totally eliminating static from LPs and CDs, DF-2 LP Flattener, lightweight and stylish FRD Room Diffusion Panels, PC-2 Disc Pure Cleaner, and their own very special NANO Liquid Contact Enhancer, plus even more fine cable and OEM products.

***Make A More Powerful Connection with Furutech!***

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