

Clearer Audio™

Copper-line Alpha Interconnect Specifications

Conductors:

- Positive and negative cores (x2):
 - 6N OCC Copper (99.9999%)
 - Solid conductor & multi-strand conductors
 - Foamed Polyethylene (FPE) Dielectric
- Two cotton filler rods
- Resistance - TBC
- Capacitance - TBC
- Inductance - TBC

Shielding:

- *Dual-layer Copper Foil Shield (grounded);*
 - 100% coverage
 - Electric Shielding Performance up to 10GHz up to a maximum of 90 dB
 - Magnetic Shielding Performance up to 1MHz up to a maximum of 75 dB
- *6N OCC Copper (99.9999%) Braid Shield (grounded);*
 - 95% coverage
 - Electric Shielding Performance up to 1GHz up to a maximum of 64 dB
 - Magnetic Shielding Performance up to 1MHz up to a maximum of 8 dB
 - Plane Wave Shielding Performance up to 1GHz up to a maximum of 43 dB
- *Dual-layer Copper Foil Shield (grounded);*
 - 100% coverage
 - Electric Shielding Performance up to 10GHz up to a maximum of 90 dB
 - Magnetic Shielding Performance up to 1MHz up to a maximum of 75 dB

Silver Solder:

- Lead and halogen free
- Tin: 94%
- Pure Silver: 5.5%
- Pure Copper: 0.5%

Connectors:

- Eichmann Bullet Plugs
 - Machined from Tellurium Copper (CuTe)
 - Directly plated with 24k gold
 - Single return contact for optimum electron flow
 - Eichmann Ratio Technology
 - Engineer-grade polymer collar for firm fit

- Neutrik X Series XLR
 - Shell: ZincAluminium4Copper1 alloy, with galvanised Nickel over Copper-plating
 - Contacts: CopperTin6, Silver-plated to 2µm
 - Contact resistance $\leq 3M\Omega$
 - Insulation resistance:
 - initial: $> 2 G\Omega$
 - after damp heat test: $> 1 G\Omega$
 - Dielectric strength: 1500 V dc
 - Rated current: 16A
 - Capacitance between contacts: $\leq 4 pF$

Advanced Burning In (Audiodharma Pro 2.5 Cable Cooker):

- 24 hours fully constructed burn in