

8571-0012 Threaded Coupling Cordset, Single-Ended, 10GbE



Lower installed cost. 100% tested. Save assembly time and cost with pre-wired SuperFly Datalink “White” assemblies for 10Gb Ethernet. These single-ended Octaxial threaded coupling cordsets are terminated to Category 6A aerospace-grade shielded cable. Cable options include unshielded or shielded data pairs, 24 AWG or 26 AWG stranded conductors. Series 882 connectors are designed for demanding aerospace environments.

SIZE AND WEIGHT SAVING

- Ultra small .415” (10.5 mm.) diameter coupling nut
- Integral backshell and cable seal

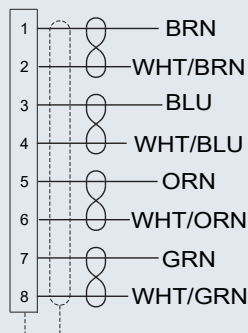
LOWER INSTALLED COST

- Factory-terminated
- 100% tested

HARSH ENVIRONMENT

- Aerospace grade Category 6A cable
- Shock, vibration, moisture

Wiring Diagram



Construction

- **Shell, coupling nut, backshell:** aluminum alloy or stainless steel
- **Insulators:** high-grade rigid dielectric
- **Contacts:** copper alloy, 50 microinches gold over nickel plating
- **Grommets:** fluorosilicone
- **O-rings:** fluorosilicone
- **Bushing, retainer, spline:** copper alloy, electroless nickel plated
- **Cable:** aerospace-grade fluoropolymer per AS6070

Specifications

- **Operating temp.:** -65° to +175°C
- **Impedance:** 100 ohms
- **DWV:** 500 Vrms untested
- **Current Rating:** 1.5 A
- **IR:** 200 MΩ min.
- **Durability:** 500 mating cycles

How To Order

| Sample Part Number | 8571-0012 | -MT | -06 | -60 |
|---|---|-----|-----|-----|
| Product | 8571-0012 = Pre-wired SuperFly Datalink assembly, Threaded, Single-Ended | | | |
| Shell Finish | M = Electroless Nickel (aluminum shell) MT = Nickel-PTFE (aluminum shell) ZR = Black Zinc-Nickel (aluminum shell) ZZ = Gold (aluminum shell) ZMT = Nickel-PTFE (stainless steel shell) | | | |
| Order Code Connector Type, Wire Size and Cable Type | 01 = Plug, #26 AWG, S/UTP* P/N 963-003-26 02 = Receptacle, #26 AWG, S/UTP* P/N 963-003-26 03 = Plug, #26 AWG, S/FTP** P/N 963-033-26 04 = Receptacle, #26 AWG, S/FTP** P/N 963-033-26 05 = Plug, #24 AWG, S/UTP* P/N 963-037-24 06 = Receptacle, #24 AWG, S/UTP* P/N 963-037-24 07 = Plug, #24 AWG, S/FTP** P/N 963-033-24 08 = Receptacle, #24 AWG, S/FTP** P/N 963-033-24 <i>*S/UTP cable has overall braid shield</i> <i>**S/FTP cable has overall braid shield plus foil wrap on pairs</i> | | | |
| Overall Length | Length in Inches (12 inch minimum) | | | |

