

8572-0010 Threaded Coupling Cordset, Single-Ended, USB 3.0



Lower installed cost. Save assembly time and cost with pre-wired SuperFly Datalink "Blue" Octaxial assemblies for SuperSpeed USB. These single-ended cordsets are terminated to USB cable. Two cable types are available: high temperature fluoropolymer aerospace grade cable or commercial grade PVC cable. Series 882 connectors are designed for demanding aerospace environments.

SIZE AND WEIGHT SAVING

- Integral backshell and cable seal
- Secure threaded coupling nut

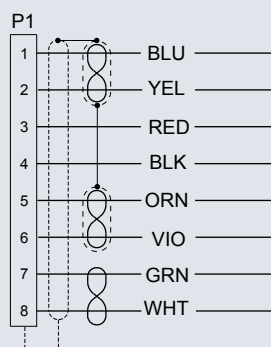
LOWER INSTALLED COST

- Factory-terminated SuperFly connector

HARSH ENVIRONMENT

- Vibration, EMI, moisture, and temperature

Wiring Diagram



How To Order Single-Ended SuperFly USB 3.0 Cordset

Sample Part Number	8572-0010	- M	-01	-36
Product	8572-0010 = Pre-wired, Single-ended Cordset			
Shell Finish	M = Electroless Nickel (aluminum shell) MT = Nickel-PTFE (aluminum shell) ZR = Black Zinc-Nickel (aluminum shell) Z2 = Gold (aluminum shell) ZMT = Nickel-PTFE (stainless steel shell)			
Order Code Connector Type and Cable Type	01 = Plug connector, aerospace-grade cable* 02 = Plug connector, commercial-grade cable** 03 = Receptacle connector, aerospace-grade cable* 04 = Receptacle connector, commercial-grade cable** <i>*Cable P/N 963-110 high temp fluoropolymer jacket</i> <i>**Cable P/N 963-118 black PVC jacket</i>			
Overall Length	Length in Inches (12 inch minimum)			

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
- **Shield sleeve, ferrule:** copper alloy, electroless nickel plated
- **Cable:** aerospace-grade or commercial grade SuperSpeed USB. See cable data sheets for full specifications.

Specifications

- **Operating temp.:** -65° to +175°C, aerospace-grade
0 to +80°C, commercial-grade
- **Impedance:** 90 ohms
- **DWV:** 100 Vrms
- **Current Rating:** 1.5 A
- **IR:** 100 MΩ min.
- **Durability:** 2000 mating cycles

