

8573-0027 Threaded Coupling Corsdet, Single-Ended, 100 ohm



Lower installed cost. Save assembly time and cost with pre-wired SuperFly Datalink “Red” Octaxial assemblies for high-speed applications. These single-ended cordsets are terminated to 100 ohm cable. Series 882 connectors are designed for demanding aerospace environments subject to high vibration, temperature extremes and moisture.

SIZE AND WEIGHT SAVING

- Integral backshell and cable seal
- Secure threaded coupling nut

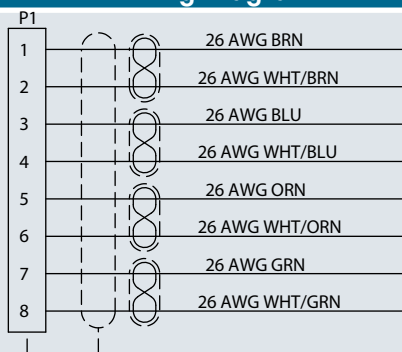
LOWER INSTALLED COST

- Factory-terminated SuperFly connector

HARSH ENVIRONMENT

- Vibration, EMI, moisture, and temperature

Wiring Diagram



How To Order Corsdet, Single-Ended

Sample Part Number	8573-0027	- M	-01	-36
Product	8573-0027 = 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	See Table I for cable order code			
Overall Length	Length in Inches (12 inch minimum)			

Table I: Cable Order Code

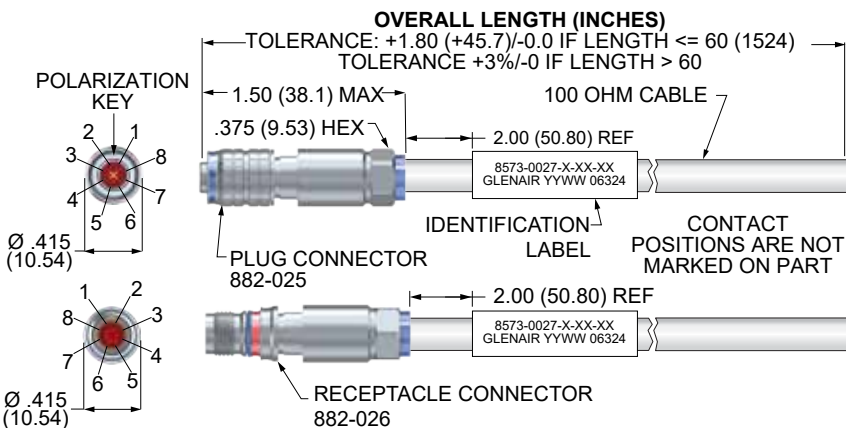
Order Code	Connector P/N	Plug/Receptacle	Data Rate per pair	Cable	Jacket Material
01	882-025-X-01	Plug	Up to 1 Gbps	963-033-26	EF100
02	882-025-X-02	Plug	Up to 10 Gbps	963-122-1	Duraelectric Light
03	882-025-X-02	Plug	Up to 10 Gbps	963-122-2	LSZH Polyurethane
04	882-025-X-02	Plug	Up to 10 Gbps	963-122-3	FEP
05	882-026-X-01	Receptacle	Up to 1 Gbps	963-033-26	EF100
06	882-026-X-02	Receptacle	Up to 10 Gbps	963-122-1	Duraelectric Light
07	882-026-X-02	Receptacle	Up to 10 Gbps	963-122-2	LSZHPolyurethane
08	882-026-X-02	Receptacle	Up to 10 Gbps	963-122-3	FEP

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:** FEP, LSZH polyurethane, or Duraelectric® Lite or EF100 jacket material

Specifications

- **Operating temperature**
 Connector: -65°C to +175°C
 EF100, Duraelectric Light: -65° to +200°C,
 FEP: -65°C to 200°C
 LSZH Polyurethane: -40°C to 90°C
- **Impedance:** 100 ohms
- **DWV:** 500 Vrms
- **Current Rating:** 1.5 A
- **IR:** 200 MΩ min.



El Ochito® Red