

# 8573-0025 Pre-Wired, QDC Cordset, Single-Ended, 100 ohm



**Multi-Gig, 100 ohm**, Save assembly time and cost with pre-wired SuperFly Datalink “Red” assemblies for high-speed applications. These single-ended Octaxial push-pull cordsets are terminated to 100 ohm cable. Series 882 QDC connectors are designed for demanding aerospace environments.

**SIZE AND WEIGHT SAVING**

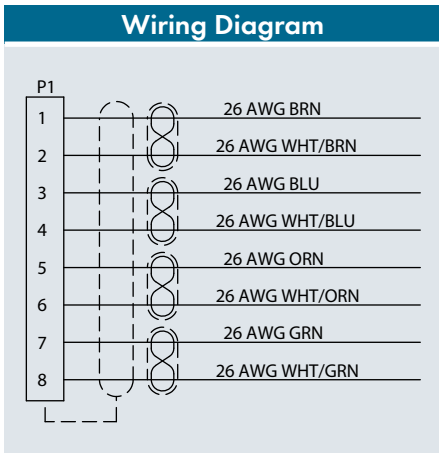
- Integral backshell and cable seal
- Push-pull quick-disconnect

**LOWER INSTALLED COST**

- Factory-terminated SuperFly connector

**HARSH ENVIRONMENT**

- Vibration, EMI, moisture, and temperature



**How To Order Pre-Wired, QDC Cordset, Single-Ended**

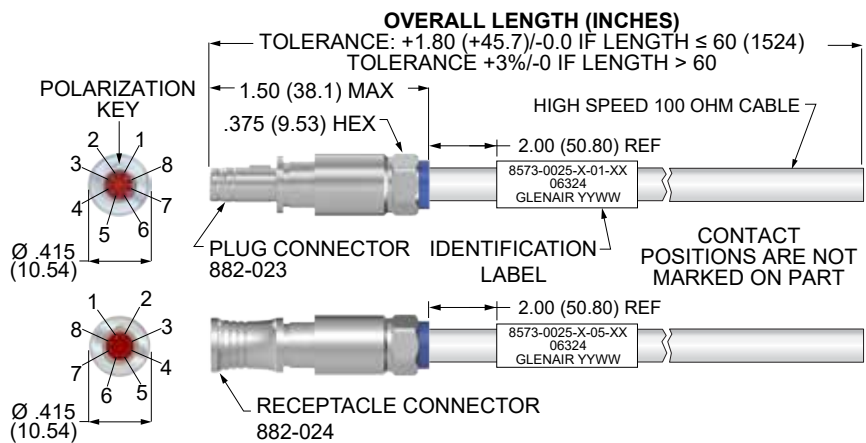
<b>Sample Part Number</b>	<b>8573-0025</b>	<b>- MT</b>	<b>-03</b>	<b>-60</b>
<b>Product</b>	<b>8573-0025</b> = Pre-wired Single-Ended Cordset			
<b>Shell Finish</b>	<b>M</b> = Electroless Nickel (aluminum shell) <b>MT</b> = Nickel-PTFE (aluminum shell) <b>ZR</b> = Black Zinc-Nickel (aluminum shell) <b>Z2</b> = Gold (aluminum shell) <b>ZMT</b> = Nickel-PTFE (stainless steel shell)			
<b>Order Code</b>	See Table I for cable order code			
<b>Overall Length</b>	<b>Length in Inches</b> (12 inch minimum)			

- Construction**
- **Shell, 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 fluoropolymer, FEP, LSZH polyurethane, or Duraelectric® Lite

**Table I: Cable Order Code**

Order Code	Connector P/N	Plug/Receptacle	Data Rate (per pair)	Cable	Jacket Material
<b>01</b>	882-023-X-01	Plug	Up to 1 Gbps	963-033-26	EF100
<b>02</b>	882-023-X-02	Plug	Up to 10 Gbps	963-122-1	Duraelectric Light
<b>03</b>	882-023-X-02	Plug	Up to 10 Gbps	963-122-2	LSZH Polyurethane
<b>04</b>	882-023-X-02	Plug	Up to 10 Gbps	963-122-3	FEP
<b>05</b>	882-024-X-01	Receptacle	Up to 1 Gbps	963-033-26	EF100
<b>06</b>	882-024-X-02	Receptacle	Up to 10 Gbps	963-122-1	Duraelectric Light
<b>07</b>	882-024-X-02	Receptacle	Up to 10 Gbps	963-122-2	LSZH Polyurethane
<b>08</b>	882-024-X-02	Receptacle	Up to 10 Gbps	963-122-3	FEP

- 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**