

# 8573-0039 Pre-Wired QDC Assembly, Plug-to-Receptacle, SATA 3.0



**Lower installed cost. 100% tested.** Save assembly time and cost with pre-wired SuperFly Datalink "Red" assemblies for high-speed, multi-gig applications. These back-to-back push-pull cordsets are terminated to 100 ohm cable. Series 882 QDC Octaxial connectors are designed for demanding aerospace environments subject to high vibration, temperature extremes and moisture.

### SIZE AND WEIGHT SAVING

- <1/2 inch (12.7 mm.) diameter
- Push-pull quick-disconnect

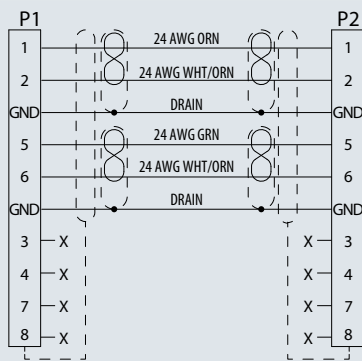
### LOWER INSTALLED COST

- Factory-terminated
- 100% tested

### HARSH ENVIRONMENT

- Vibration, EMI, moisture, and temperature

### Wiring Diagram



### How To Order Pre-Wired Cordset, Plug-to-Receptacle

<b>Sample Part Number</b>	<b>8573-0039</b>	<b>- M</b>	<b>-01</b>	<b>-36</b>
<b>Product</b>	8573-0039 = Pre-wired Plug to Receptacle 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>Cable Type</b>	See Table I for cable order code			
<b>Overall Length</b>	Length in Inches (12 inch minimum)			

### Table I: Cable Order Code

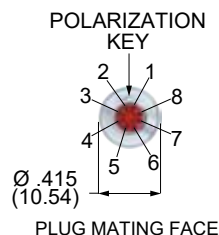
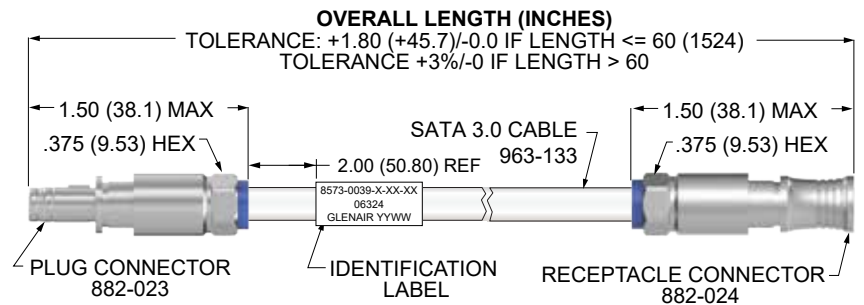
Order Code	Plug P/N	Receptacle P/N	Cable
01	<b>882-023-X-03</b>	<b>882-024-X-03</b>	963-133

### Construction

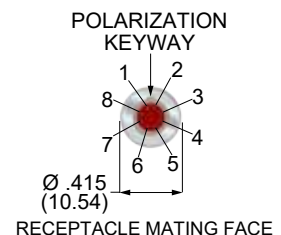
- **Shell, backshell:** aluminum alloy or stainless steel
- **Insulators:** high-grade rigid dielectric
- **Contacts:** copper alloy, 50 microinches gold over nickel plating
- **Grommets:** fluorosilicone
- **O-rings:** fluorosilicone
- **Shield sleeve and ferrull:** copper alloy, electroless nickel plated

### Specifications

- **Operating temperature**  
 Connector: -65°C to +175°C  
 Cable: -55°C to +200°C
- **Impedance:** 100 ohms
- **DWV:** 100 Vrms
- **Current Rating:** 1.5 A
- **IR:** 100 MΩ min.



CONTACT POSITIONS ARE NOT MARKED ON PART



El Ochito® Red