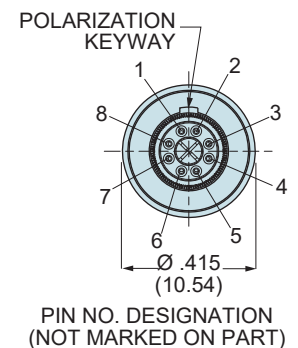
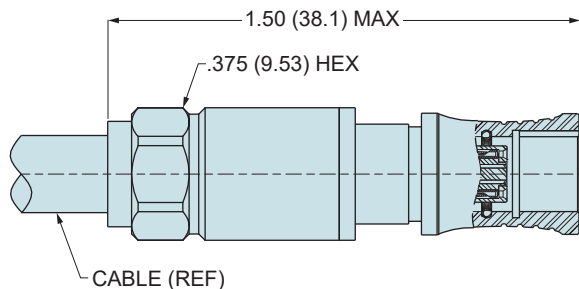


## 882-002 Cable Receptacle, Push-Pull QDC Coupling, 10GbE



**10GbE. Ultraminiature. High performance.** 882-002 SuperFly Datalink Octaxial connectors are compatible with shielded flight-grade Cat 6A #24 and #26 AWG Ethernet cable. Supplied as unassembled kit. Terminate wires to contacts with crimp tool (purchased separately). Connector interface features EMI spring and fluorosilicone O-ring for watertight seal. Braided cable shield terminates to connector with supplied bushing.

**Mates to 882-001 plug.**



### SIZE AND WEIGHT SAVING

- Smallest 10GbE aerospace-grade connector
- Integral strain relief and cable seal
- High density contacts

### FAST ASSEMBLY

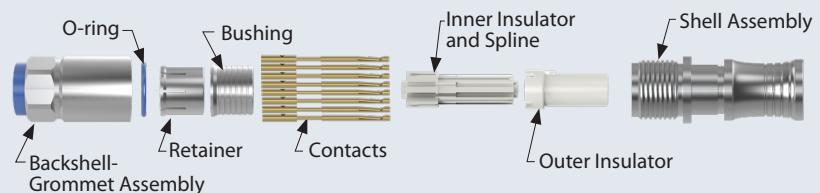
- Crimp contacts
- Easy shield termination

### HARSH ENVIRONMENT

- EMI protection
- Water ingress
- Shock and vibration
- Temperature extremes
- Corrosion resistance

### 882-002 Components

Connector is supplied unassembled. Assembly instructions are packaged with kit.



### How To Order 882-002 SuperFly Datalink Push-Pull Cable Receptacles

Wire Size (AWG)	Cat 6A Cable Type	Cable Part No.	Cable Dia.	Shell Material and Finish				
				Aluminum/ Electroless Nickel	Aluminum/ Nickel-PTFE	Aluminum/Black Zinc-Nickel	Aluminum/ Gold	Stainless Steel/ Nickel-PTFE
26	S/UTP	963-003-26	.220 (5.56)	<a href="#">882-002-M-01</a>	<a href="#">882-002-MT-01</a>	<a href="#">882-002-ZR-01</a>	<a href="#">882-002-Z2-01</a>	<a href="#">882-002-ZMT-01</a>
26	S/FTP	963-033-26	.220 (5.56)	<a href="#">882-002-M-02</a>	<a href="#">882-002-MT-02</a>	<a href="#">882-002-ZR-02</a>	<a href="#">882-002-Z2-02</a>	<a href="#">882-002-ZMT-02</a>
24	S/UTP	963-037-24	.260 (6.60)	<a href="#">882-002-M-03</a>	<a href="#">882-002-MT-03</a>	<a href="#">882-002-ZR-03</a>	<a href="#">882-002-Z2-03</a>	<a href="#">882-002-ZMT-03</a>
24	S/FTP	963-033-24	.260 (6.60)	<a href="#">882-002-M-04</a>	<a href="#">882-002-MT-04</a>	<a href="#">882-002-ZR-04</a>	<a href="#">882-002-Z2-04</a>	<a href="#">882-002-ZMT-04</a>

### Specifications

- **Operating temp.:** -65° to +175°C
- **Impedance:** 100 ohms
- **DWV:** 500 Vrms unmatd
- **Current Rating:** 1.5 A
- **IR:** 1000 MΩ min.
- **Durability:** 500 mating cycles
- **Ingress protection:** IP67

### Construction

- **Shell, backshell:** aluminum alloy or stainless steel
- **Insulators:** high-grade rigid dielectric
- **Contacts:** copper alloy, 50 microinches gold over nickel plating
- **Grommet:** fluorosilicone
- **O-rings:** fluorosilicone
- **EMI spring:** stainless steel, gold plated
- **Bushing, retainer, spline:** copper alloy, electroless nickel plated

### Contact Crimp Tools

Hand Crimp Tool



**809-015**  
(M22520/2-01)

Positioner for Hand Crimp Tool



**859-101**  
(K1906)