

882-024 Cable Receptacle, Push-Pull QDC Coupling



100 ohm. Ultraminiature. High performance. 882-024 SuperFly Datalink connectors have one, El Ochito® octaxial contact housing eight socket contacts. Compatible with aerospace and commercial grade 100 ohm cable. Supplied as unassembled kit. Terminate wires to contacts with crimp tool (purchased separately). M8.5 metric mating thread. EMI spring for low shell-to-shell resistance. Fluorosilicone O-ring for water-tight seal. Braided cable shield terminates to connector with supplied bushing. **Mates to 882-023, 882-031, 882-034, and 882-037 connectors.**

SIZE AND WEIGHT SAVING

- .415 inch (10.5 mm.) diameter
- Integral strain relief and cable seal
- High density contacts

HIGH SPEED

- 10 Gbps per pair
- Low-dielectric material

HARSH ENVIRONMENT

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

Table I: Cable Accommodated

Dash No	Cable Part No.	Data Rate	Ref Cable O.D.
-01	963-033 -26	up to 1 Gbps	.220
-02	963-122 -X*	up to 10 Gbps	.277 or .299
-03	963-133	SATA 3	.225

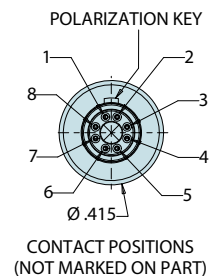
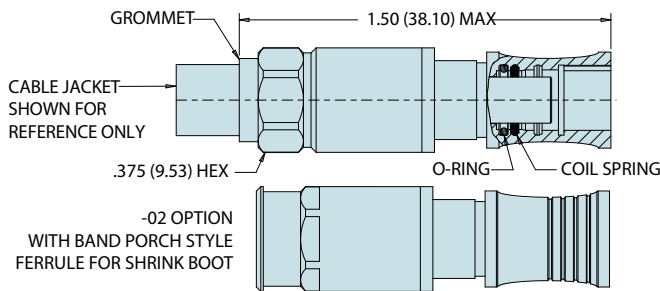
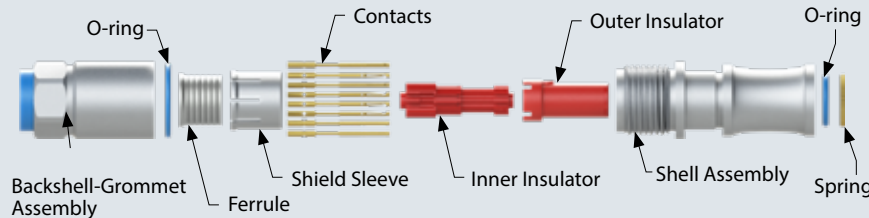
*See cable specifications at end of this section for details.

How To Order Cable Receptacle

Sample Part Number	882-024	-M	-01
Series	882-024 = Cable Receptacle		
Shell Material and Finish	M = Aluminum / Electroless Nickel MT = Aluminum / Nickel-PTFE ZR = Aluminum / Black Zinc-Nickel ZZ = Aluminum / Aluminum Gold ZI = Stainless Steel / Nickel-PTFE		
Cable Dash No. (See Table I)	-01, -02 (See AI88001-02) or -03 (See AI88005-01)		

882-024 Components

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



El Ochito® Red

Specifications

- **Operating temp.:** -65° to +175°C
- **Impedance:** 100 ohms
- **DWV:** 500 Vrms unmated
- **Current Rating:** 1.5 A
- **IR:** 1000 MΩ min.
- **Durability:** 2000 mating cycles
- **Ingress protection:** IP67

Construction

- **Shell, backshell:** aluminum alloy or stainless steel
- **Insulators:** low-dielectric material
- **Contacts:** copper alloy, 50 microinches gold over nickel plating
- **Grommet:** fluorosilicone
- **O-ring:** fluorosilicone
- **Shield sleeve, ferrule:** copper alloy, electroless nickel plated

963-122-X Dash No.

Dash 1	Duraelectric Light -65°C to +200°C, O.D. .299 (7.59)
Dash 2	LSZH Polyurethane -40°C to +90°C, O.D. .299 (.759)
Dash 3	FEP -65°C to +200°C, O.D. .277 (7.04)

Contact Crimp Tools

- **Hand Crimp Tool**
809-015
(M22520/2-01)
- **Positioner for Hand Crimp Tool**
859-101
(K1906)