

GROUND
SOLDIER

SUPERFLY DATALINK

The Ultraminiature 10G Ethernet and
USB 3.0 Connector for Harsh-Environment
Defense Applications



High speed, harsh environment SuperFly[®] Datalink connectors—shielded for 10Gb Ethernet and SuperSpeed USB protocols—deliver outstanding signal integrity and save significant size and weight compared to Quadrax solutions.



SuperFly Datalink White
10G Ethernet



SuperFly Datalink Blue
SuperSpeed USB

- Ultra-small size
- Shielded Octaxial contacts
- Up to 5 Gbps
- 10Gb Ethernet and SuperSpeed USB
- Environmentally protected
- Factory-terminated cables or discrete contacts and cables for customer assembly

The high-speed ultraminiature connector for harsh environment defense applications

CONNECTOR CONFIGURATIONS

Quick-disconnect “push-pull” versions are ideal for tactical gear. Threaded-coupling versions are intended for aircraft and space-grade applications where secure mating is a requirement.



Quick Disconnect



Threaded Coupling



Straight PC Tails



Right Angle PC Tails

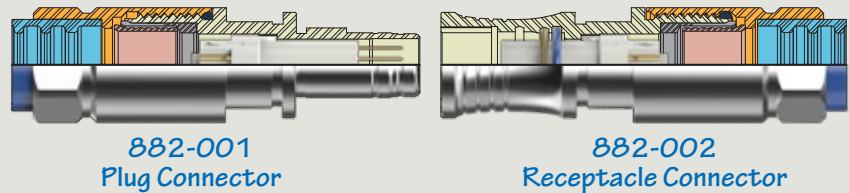


Conformal-coating-compliant panel mount connectors

Push-Pull Quick-Disconnect

Latching EMI Springs

O-ring Interface Seal

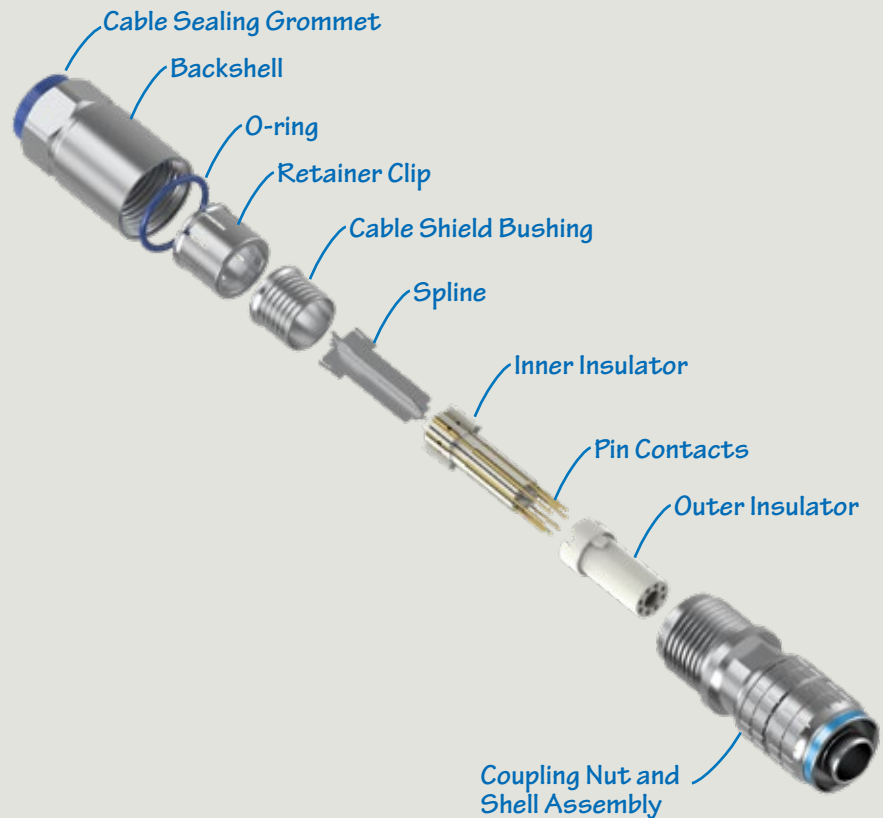


882-001 Plug Connector

882-002 Receptacle Connector

Push-pull SuperFly Datalink receptacle connectors feature two canted coil springs for secure mating and excellent EMI protection. A fluorosilicone O-ring provides watertight sealing when mated.

Cable Connector



Cable connectors feature gold-plated crimp contacts, precision insulators, integral backshell, sealing grommet and machined shells.