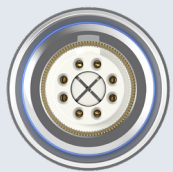




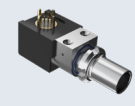




Selection Guide: SuperFly Datalink White for Ethernet





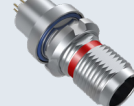
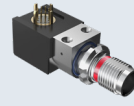




SuperFly Datalink Connectors, Octaxial, White

White dielectric indicates 100 ohm differential impedance for Ethernet protocols. Ideal for 1000BASE-T and 10GBASE-T applications in hostile environments with temperature extremes, high vibration, electromagnetic interference, as well as moisture exposure. Compatible with SAE AS6070 200°C flight-grade cable. Accepts 24 AWG or 26 AWG wire sizes. Available with secure threaded coupling or push-pull mating.

Quick Disconnect for 10Gb Ethernet

-  **882-001 Cable Plug** 8
Integral backshell and cable grommet.
Supplied as unassembled kit for termination to Cat 6A Ethernet cable.
-  **882-002 Cable Receptacle** 9
Integral backshell and cable grommet.
Supplied as unassembled kit for termination to Cat 6A Ethernet cable. Mates to 881-001.
-  **882-005 Panel Receptacle, PCB** 10
Rear panel jam nut mount receptacle has O-ring seals and epoxy potting for watertight sealing. Mates with 882-001.
-  **882-008 Panel Receptacle, 90° PCB** 11
Rear panel jam nut mount receptacle has O-ring seals and epoxy potting for watertight sealing. Mates with 882-001.
-  **8571-0007 Cordset, Single-Ended** 12
Pre-wired with aerospace-grade CAT 6A Ethernet cable. Cable has plug or receptacle on one end, other end is unterminated.
-  **8571-0008 Cordset, Double-Ended** 13
Pre-wired with aerospace-grade CAT 6A Ethernet cable. Cable has plug on one end and receptacle on the other end.
-  **8571-0009 RJ45 Patchcord, Ground** 14
Pre-wired with commercial-grade CAT 6A Ethernet cable. Cable has RJ45 plug on one end and plug or receptacle on the other end.
-  **8571-0010 RJ45 Patchcord, Flight** 15
Pre-wired with flight-grade CAT 6A Ethernet cable. Cable has RJ45 plug on one end and plug or receptacle on the other end.

Threaded Coupling for 10Gb Ethernet

-  **882-003 Cable Plug** 16
Integral backshell and cable grommet.
Supplied as unassembled kit for termination to Cat 6A Ethernet cable.
-  **882-006 Cable Receptacle** 17
Integral backshell and cable grommet.
Supplied as unassembled kit for termination to Cat 6A Ethernet cable. Mates with 882-003.
-  **882-004 Panel Receptacle, PCB** 18
Rear panel jam nut mount receptacle has O-ring seals and epoxy potting for watertight sealing. Mates with 882-003.
-  **882-007 Panel Receptacle, 90° PCB** 19
Rear panel jam nut mount receptacle has O-ring seals and epoxy potting for watertight sealing. Mates with 882-003.
-  **8571-0012 Cordset, Single-Ended** 20
Pre-wired with aerospace-grade CAT 6A Ethernet cable. Cable has plug or receptacle on one end, other end is unterminated.
-  **8571-0013 Cordset, Double-Ended** 21
Pre-wired with aerospace-grade CAT 6A Ethernet cable. Cable has plug on one end and receptacle on the other end.
-  **8571-0015 RJ45 Patchcord, Ground** 22
Pre-wired with commercial-grade CAT 6A Ethernet cable. Cable has RJ45 plug on one end and plug or receptacle on the other end.
-  **8571-0016 RJ45 Patchcord, Flight** 23
Pre-wired with flight-grade CAT 6A Ethernet cable. Cable has RJ45 plug on one end and plug or receptacle on the other end.

Flight-Grade 100 Ohm Ethernet Cable

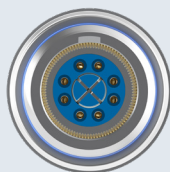


- 963-033 S/FTP Cable** 24
24 and 26 AWG. S/FTP construction, foil shielded data pairs. High performance shielded cable is AS6070/5 and /6 approved.



- 963-003 and 963-037 S/UTP Cable** 25
24 and 26 AWG. S/UTP construction with fluoropolymer spline. Meets FAA flammability requirements.




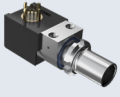



Selection Guide: SuperFly Datalink Blue for USB 3.0



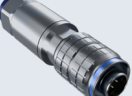






SuperFly Datalink Connectors, Octaxial, Blue

Blue dielectric indicates 90 ohm differential impedance for SuperSpeed USB. Ideal for USB 3.0 applications in hostile environments with temperature extremes, vibration, electromagnetic interference and moisture exposure. Designed for use with high performance aerospace grade USB 3.0 cable. Available with threaded coupling or push-pull mating.

Quick Disconnect for USB 3.0

- 
882-009 Cable Plug26
 Integral backshell and cable grommet.
 Supplied as unassembled kit for termination to USB 3.0 cable.
- 
882-010 Cable Receptacle27
 Integral backshell and cable grommet.
 Supplied as unassembled kit for termination to USB 3.0 cable. Mates to 881-009.
- 
882-013 Panel Receptacle, PCB28
 Rear panel jam nut mount receptacle has O-ring seals and epoxy potting for watertight sealing. Mates with 882-009.
- 
882-016 Panel Receptacle, 90° PCB29
 Rear panel jam nut mount receptacle has O-ring seals and epoxy potting for watertight sealing. Mates with 882-009.
- 
8572-0006 Cordset, Single-Ended30
 Pre-wired with aerospace-grade or commercial-grade USB 3.0 cable. Cable has plug or receptacle on one end, other end is unterminated.
- 
8572-0007 Cordset, Double-Ended31
 Pre-wired with aerospace-grade or commercial-grade USB 3.0 cable. Cable has plug on one end and receptacle on the other end.
- 
8572-0008 Patchcord, USB32
 Pre-wired with commercial-grade USB 3.0 cable. Cable has standard USB connector on one end, other end is SuperFly Datalink.

Threaded Coupling for USB 3.0

- 
882-011 Cable Plug33
 Integral backshell and cable grommet.
 Supplied as unassembled kit for termination to USB 3.0 cable.
- 
882-014 Cable Receptacle34
 Integral backshell and cable grommet.
 Supplied as unassembled kit for termination to USB 3.0 cable. Mates with 882-011.
- 
882-012 Panel Receptacle, PCB35
 Rear panel jam nut mount receptacle has O-ring seals and epoxy potting for watertight sealing. Mates with 882-011.
- 
882-015 Panel Receptacle, 90° PCB36
 Rear panel jam nut mount receptacle has O-ring seals and epoxy potting for watertight sealing. Mates with 882-011.
- 
8572-0010 Cordset, Single-Ended37
 Pre-wired with aerospace-grade or commercial-grade USB 3.0 cable. Cable has plug or receptacle on one end, other end is unterminated.
- 
8572-0011 Cordset, Double-Ended38
 Pre-wired with aerospace-grade or commercial-grade USB 3.0 cable. Cable has plug on one end and receptacle on the other end.
- 
8572-0013 Patchcord, USB39
 Pre-wired with commercial-grade USB 3.0 cable. Cable has standard USB connector on one end, other end is SuperFly Datalink.

90 Ohm USB 3.0 Cable



963-110 Flight-Grade Cable40
 High temperature, high performance, fluoropolymer aterials, shielded. High speed pairs have braid shields. -65° to +200°C.



963-118 Commercial-Grade Cable40
 Black PVC jacket, foamed PE wire insulation. High speed pairs have foil shields. 0 to +80°C.