Introduction

SUPERFLY DATALINK

Series 882 Connectors and Turnkey Cordsets

SuperFly Datalink connectors are ultra-small octaxial quick-disconnect (QDC) or threaded-coupling connectors for 40Gb Ethernet, USB 3.0, HDMI, DisplayPort, and SATA. Designed to withstand harsh aerospace environments, SuperFly Datalink combines miniaturized design with shielded electrical performance and sealed environmental protection.

SuperFly Datalink is the aerospace industry's smallest connector solution. Compatible with flight-grade shielded data cable, these shielded-contact connectors are available as unassembled kits or factory-terminated cordsets. Panel jacks feature fully-sealed printed circuit terminals for vertical or right-angle board mounting.

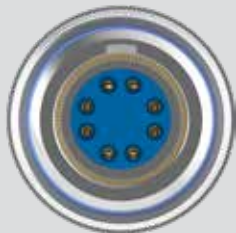**Quick Disconnect**   **Threaded Coupling**   **Straight PC Tails**   **Right Angle PC Tails**

SuperFly Datalink White

El Ochito® White provides optimization of Ethernet protocols with the use of cross shields to minimize crosstalk. Ideal for Ethernet up to 40GBase-T applications in hostile environments with temperature extremes, high vibration, electromagnetic interference as well as moisture exposure. Compatible with SAE AS6070 flight-grade Ethernet cable. Accepts 24 AWG to 26 AWG. Available with secure threaded coupling or push-pull QDC mating.

See Page 2 for SuperFly Datalink White (40Gb Ethernet) Selection Guide

SuperFly Datalink Blue

El Ochito® Blue provides 90 ohm differential impedance for SuperSpeed USB. Ideal for USB 3.0 applications in hostile environments with temperature extremes, vibration, electromagnetic interference, as well as moisture exposure. Designed for use with high performance aerospace grade USB 3.0 cable. Available with secure threaded coupling or push-pull QDC mating.

See Page 5 for SuperFly Datalink Blue (SuperSpeed USB 3.0) Selection Guide

SuperFly Datalink Red

El Ochito® Red provides 100 ohm differential impedance for HDMI 2.0, DisplayPort 1.2, SATA, and general high speed up to 10 Gbps. Ideal for video applications in hostile environments with temperature extremes, vibration, electromagnetic interference, as well as moisture exposure. Designed for use with high performance aerospace grade cable. Available with secure threaded coupling or push-pull QDC mating.

See Page 7 for SuperFly Datalink Red (HDMI, DisplayPort, and SATA) Selection Guide

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