

# 8573-0029 SuperFly QDC Single-Ended Assembly, HDMI and DP



**Multi-Gig, 100 ohm, 100% tested.** Single-ended Octaxial push-pull assemblies are terminated to 100 ohm cable. Series 882 Quick-Disconnect (QDC) connectors are designed for demanding aerospace environments. Save assembly time and cost with pre-wired SuperFly Datalink™ “Red” assemblies for high-speed applications.

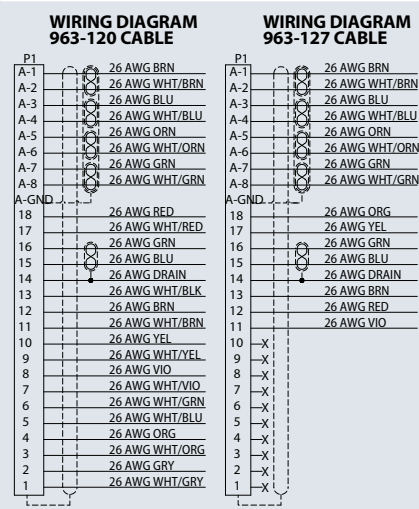
### SIZE AND WEIGHT SAVING

- Integral backshell and cable seal
- Push-pull quick-disconnect

### LOWER INSTALLED COST

- Factory-terminated SuperFly connector

### Wiring Diagram



### How To Order Single-Ended Assembly, HDMI and DP

<b>Sample Part Number</b>	<b>8573-0029</b>	<b>-MT</b>	<b>-03</b>	<b>-60</b>
<b>Product</b>	<b>8573-0029 = Pre-wired Single-Ended Cordset</b>			
<b>Shell Finish</b>	<b>M</b> = Electroless Nickel (aluminum shell) <b>MT</b> = Nickel-PTFE (aluminum shell) <b>ZR</b> = Black Zinc-Nickel (aluminum shell) <b>Z2</b> = Gold (aluminum shell) <b>ZMT</b> = Nickel-PTFE (stainless steel shell)			
<b>Order Code</b>	See Table I for cable order code			
<b>Overall Length</b>	<b>Length in Inches</b> (12 inch minimum)			

**Table I: Cable Order Code**

Order Code	Connector Part No.	Plug/Rcpt	Data Protocol	Cable	Cable Jacket	Overmold/Shrink Boot
01	882-019-X-01	Plug	HDMI 2.0/DP 1.2	963-120-1	Duraelectric Light	Duraelectric Ovrmld
02	882-019-X-01	Plug	HDMI 2.0/DP 1.2	963-120-2	Poly-U LSZH	Polyamide Ovrmld
03	882-019-X-01	Plug	HDMI 2.0/DP 1.2	963-120-3	FEP	Shrink Boot
04	882-019-X-02	Plug	HDMI 2.0/DP 1.2	963-127-1	Duraelectric Light	Duraelectric Ovrmld
05	882-019-X-02	Plug	HDMI 2.0/DP 1.2	963-127-2	Poly-U LSZH	Polyamide Ovrmld
06	882-019-X-02	Plug	HDMI 2.0/DP 1.2	963-127-3	FEP	Shrink Boot
07	882-020-X-01	Rcpt	HDMI 2.0/DP 1.2	963-120-1	Duraelectric Light	Duraelectric Ovrmld
08	882-020-X-01	Rcpt	HDMI 2.0/DP 1.2	963-120-2	Poly-U LSZH	Polyamide Ovrmld
09	882-020-X-01	Rcpt	HDMI 2.0/DP 1.2	963-120-3	FEP	Shrink Boot
10	882-020-X-02	Rcpt	HDMI 2.0/DP 1.2	963-127-1	Duraelectric Light	Duraelectric Ovrmld
11	882-020-X-02	Rcpt	HDMI 2.0/DP 1.2	963-127-2	Poly-U LSZH	Polyamide Ovrmld
12	882-020-X-02	Rcpt	HDMI 2.0/DP 1.2	963-127-3	FEP	Shrink Boot

### Construction

- **Shell, backshell:** aluminum alloy or stainless steel
- **Insulators:** high-grade rigid dielectric
- **Contacts:** copper alloy, 50 microinches gold over nickel plating
- **Grommets:** fluorosilicone
- **O-rings:** fluorosilicone
- **Shield sleeve, shield sleeve:** copper alloy
- **Cable:** aerospace-grade fluoropolymer, FEP, LSZH polyurethane, or Duraelectric™ Lite

### Specifications

- **Operating temperature**  
 Duraelectric Light: -65° to +200°C,  
 FEP: -65°C to 200°C  
 LSZH Polyurethane: -40°C to 90°C
- **Impedance:** 100 ohms
- **DWV:** 300 Vrms
- **Current Rating:** 1.5 A
- **IR:** 10 MΩ min.
- **Durability:** 2000 mating cycles

