

E-LINK CONNECTOR LINE

Pin/Socket, Hermaphroditic & Hybrid Multi-Channel Connectors



*Designed for harsh environments,
built to withstand your highest demands*

Energy Mining Shipboard Aviation Transportation Broadcast Industrial Manufacturing Transmission Data Centers Healthcare



E-LINK MULTI-CHANNEL CONNECTOR LINE

PRODUCT DESCRIPTION

The QPC E-Link Line features rugged, multi-channel pin/socket, hermaphroditic and hybrid connectors. Available in QPC's signature blue, classic black and custom finish options as well as stainless steel construction.

The E-Link Connectors use field proven design concepts from the MIL-C-38999 and MIL-PRF-83526 series connectors, making them perfect for dynamic, harsh environments. The rugged, environmentally sealed design and anodized aluminum body makes the E-Link ideal for use in demanding applications.

The durable E-Link Pin/Socket 2 - 8 Channel Connectors are designed to withstand cable pull or twist, crush or impact and water immersion. The connectors are completely sealed against environmental conditions. The unique hard anodized backshells assure that termini are isolated from dynamic stress.

The E-Link Hermaphroditic 4 - 18 Channel Connectors are designed to withstand cable pull or twist, crush or impact and water immersion. The hermaphroditic design allows multiple cables to be directly connected without adapters (i.e. daisy chained).

QPC uses high performance 2.5mm termini and split ceramic alignment sleeves to assure superior performance even under high shock and vibration.

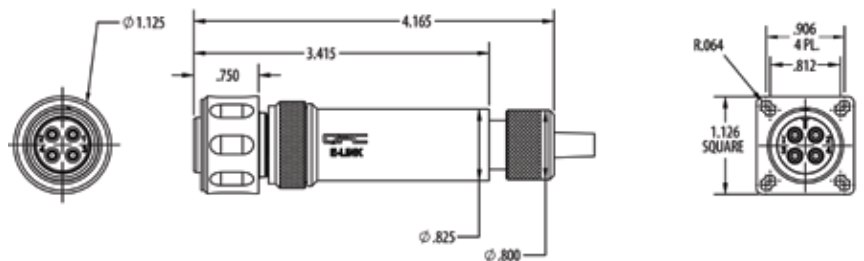
FEATURES & BENEFITS

- Aluminum body with durable blue, black or custom anodize finish
- Stainless steel construction available
- APC termination optional
- Ceramic ferrules for low optical insertion loss
- Singlemode and Multimode operation
- Cost effective ruggedized system
- User friendly design for superior performance in a simple multichannel connector
- Environmental sealing to IP68
- 2, 4, 6 & 8 Channel Pin/Socket systems
- 4, 8, 12 & 18 Channel Hermaphroditic systems
- 6 & 15 Channel Hybrid connector systems, Custom channel count & hybrid connector systems available upon request

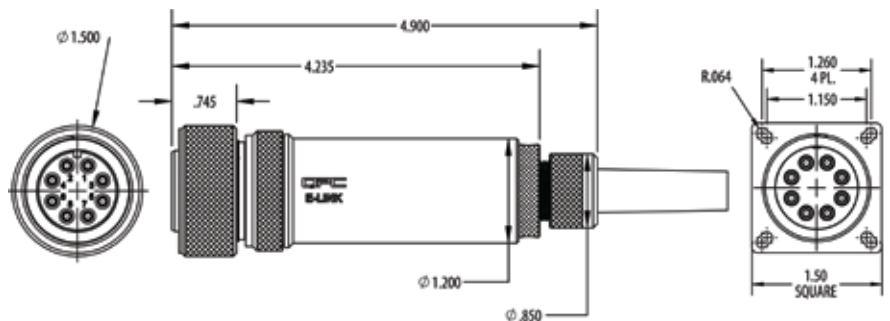
E-LINK PIN/SOCKET 2 - 8 CHANNEL CONNECTORS



E-Link Pin/Socket 4 Channel Connector
(pictured in signature blue finish)



E-Link Pin/Socket 8 Channel Connector
(pictured in classic black finish)

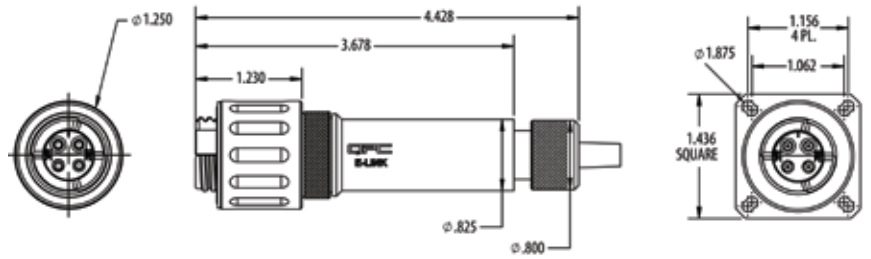


Dimensions are in inches, drawings displayed at a .45 scale

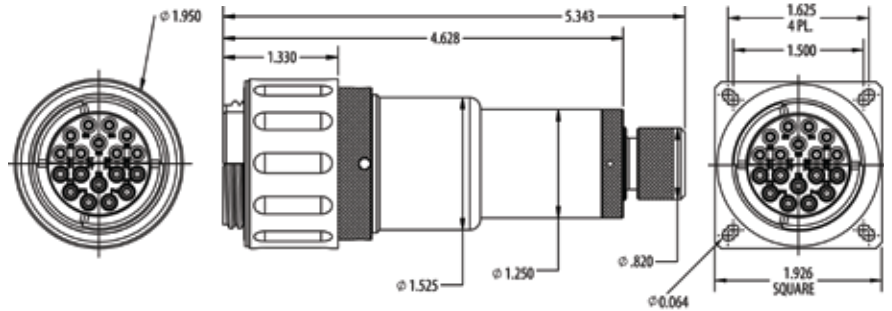
E-LINK HERMAPHRODITIC 4 - 18 CHANNEL CONNECTORS



E-Link Hermaphroditic 4 Channel Connector
(pictured in stainless steel construction option)



E-Link Hermaphroditic 18 Channel Connector
(pictured in signature blue finish)

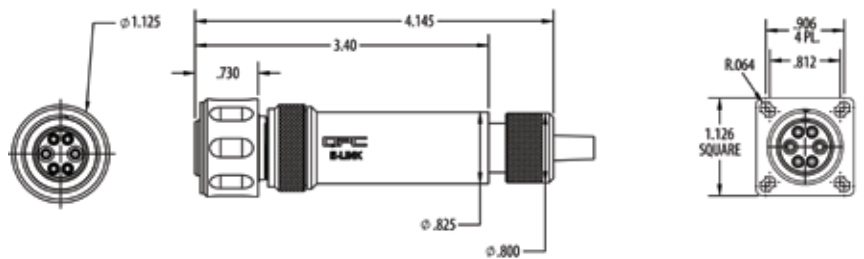


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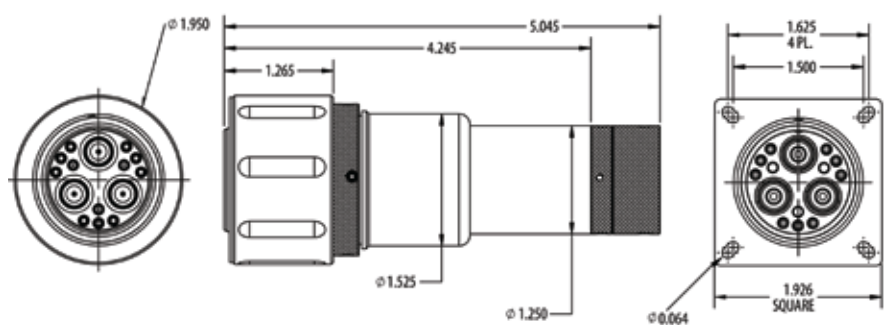
E-LINK HYBRID 6 & 15 CHANNEL CONNECTORS



E-Link Hybrid 6 Channel Connector
2 Fiber, 4 Electrical
(pictured in signature blue finish)



E-Link Hybrid 15 Channel Connector
3 Fiber, 9 Electrical, 3 BNC
(pictured in classic black finish)



Dimensions are in inches, drawings displayed at a .45 scale

E-LINK MULTI-CHANNEL CONNECTOR LINE

SPECIFICATIONS

Insertion Loss:	Singlemode:	0.15 - 0.5dB typical
	Multimode:	0.20 - 0.5dB typical
Return Loss:	Singlemode:	>55dB typical / >65dB APC
	Multimode:	>25dB typical
Operation Temperature Range:		-40°C to +85°C
Durability:		>2000 Cycles
Vibration:		10 - 2000Hz / 15g
Impact:		8 Impacts @ 8FT
Mechanical Shock:		50g for 11ms
Corrosion Resistance:		336 Hours Salt Spray
Groundwater Immersion:		168 Hours @ 22°C
Environmental Seals:		20 PSI

QPC's products are designed and manufactured in our Southern California facility, allowing us to machine the highest quality products. QPC proudly offers state-of-the-art products to many industries and strives to work with every customer to build fully comprehensive, customized solutions.

Please call 949.361.8855 for information about how QPC can assist you with your fiber optic product needs.

CABLE REELS

PRODUCT DESCRIPTION

QPC provides cable reels for especially demanding applications. These reels can be tailored precisely to your specifications.

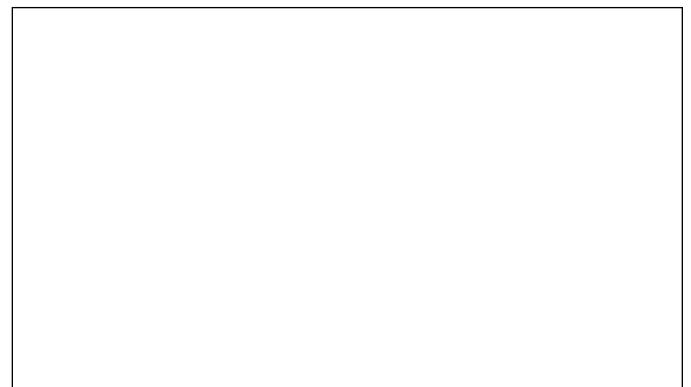
The QPC Cable Reel is available in many varieties, e.g. stackable or with carrying handle. The steel surface is impact and abrasion resistant. The galvanized and powder coated reels are best suited for frequent outdoor applications and heavy duty operations.

QPC's specialty Composite Cable Reels are made of synthetic rubber, which is as durable as steel but significantly lighter. All conductive components are integrated into the rubber construction, preventing any danger of electric shock. The material can withstand wide temperatures, and is resistant to chemicals, oils and other petroleum based products.



FEATURES & BENEFITS

- Separate connector compartment for secure deployment
- Rugged design for indoor and outdoor use
- Highly resistant to shock and abrasion
- Galvanized Steel Reels are available in Blue, Olive Drab or Black
- Specialty Composite Reels available in Black
- Hand reels & stackable storage reels with slotted divider discs
- Reels delivered furnished with cable and connectors
- Custom reel design available



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