

Qplex

2 - 16 Channel Expanded Beam Connector

Key Features



- Expanded Beam technology
- Multimode & Singlemode Options
- Jam Nut or Flange mount receptacles available
- 2 – 16 Channels
- Durable Black Anodised Finish
- Easy clean, protective window
- Fully sealed construction

The Qplex 2 – 16 Channel Expanded Beam Fibre Optic Connector is a modular design featuring all the benefits of existing expanded beam connectors, in the most compact and rugged housing.

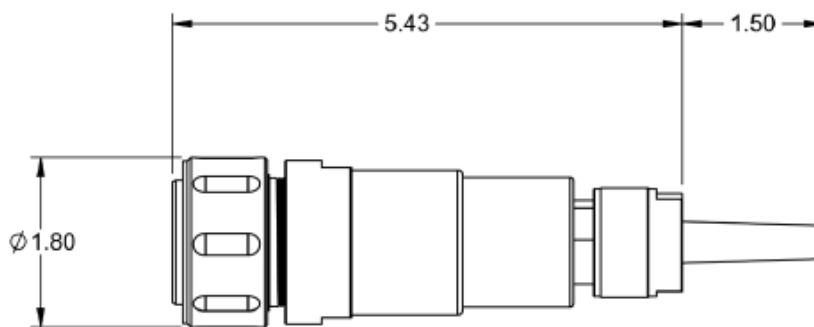
The expanded beam connector uses a spherical lens to collimate the signal at many times the original diameter. This technology makes the connector very resistant to shock and environmental issues, minimizing the effects of dust, debris and mechanical vibration.

Because the fibre system is non-contact, the connector life is in excess of 3000 mating cycles, providing a high quality, rugged environment solution.

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Specification

Insertion Loss	0.75 - 1.5dB Typical - Singlemode 0.75 - Multimode - 1.0dB Typical
Return Loss	>34dB Typical @ 1300nm or 1550nm
Mating Durability	3000 cycles
Operating Temperature	-45°C to +85°C
Free Fall	500 falls @ 1.2m
Corrosion Resistance	336 Hours Salt Spray
Vibration	10-500Hz, 0.75mm amplitude @ 10g
Water Immersion	5m depth



Drawing not to scale. Dimensions are in inches