

## QMINI 90° QUICK CONNECT EXPANDED BEAM CONNECTOR



Qmini 90° Quick Connect Connector  
(pictured without dust cover)

### FEATURES & BENEFITS

- Special 90° connector design
- 360° mounting feature for cable management
- Rugged Aluminum body with custom color anodize finished available
- Enhanced strain relief
- Optimized for use with Digico SD7 and industry equivalent consoles
- 2 & 4 Channel connector system
- Small diameter – designed for applications where size and space requirements are critical
- The non-contact system allows thousands of mating cycles
- Very high resistance to vibration, shock, environmental effects, dust, and debris
- Singlemode and Multimode operation
- Intermateable with Tyco Pro Beam Jr., Stratos HMA, Fibreco Mini, & DiGiCo; based on existing MIL-PRF-83526
- Hermaphroditic connector design
- Designed specifically for harsh environment use, such as military, mining, offshore & broadcast applications

### PRODUCT DESCRIPTION

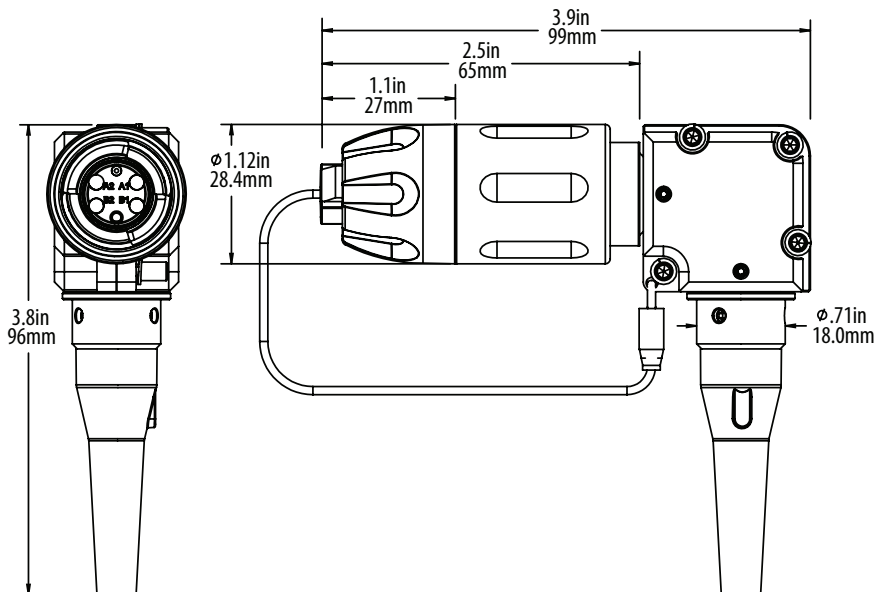
The QPC Qmini 90° Quick Connect Expanded Beam Connector has been designed to the requirements of MIL-PRF-83526, with a specialty 90° body and backshell designed specifically for use in harsh environments with tight spaces experiencing difficult cable management.

The hermaphroditic design allows assemblies to be daisy chained together without adapters, allowing for flexibility in system design.

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 fiber system is non-contact, the connector life is in excess of 3,000 mating cycles, providing a high quality, rugged environment solution.

### DIMENSIONS

Qmini 90° Quick Connect Expanded Beam Connector dimensions:



Dimensions are in inches and millimeters, drawings displayed at a .65 scale