DATA SHEET

16-Fiber M4 Cassettes with 16 LC Quad Adapters to 2 MPO (F)

Infinium high density pre-terminated M4 fiber optic cassettes designed to breakout 2 rear MPO connections to front 16-fiber LC quad adapters.

OVERVIEW

The 16-fiber M4 Cassettes are designed to be used with the Infinium HD Enclosures and support MPO to LC Quad 16-fiber connectivity, offering versatile installation and swift deployment. The housing of the cassettes offer additional durability and integrated bend limiting considerations to assure optimum optical performance. The Base 8 configuration of these cassettes match the fiber utilization of most transceivers, providing for 100% fiber utilization. This makes these cassettes a perfect match for Ethernet transmission ranging from 40G to 400G.

FEATURES

- **High Density:** 16-fiber cassette compatible with Infinium HD Enclosures
- **Base 8 Configuration:** Provides 100% fiber utilization for most transceivers
- **Pre-terminated solution:** For fastest installation, highest performance and consistent factory quality.
- **Fiber port labeling:** Provides easier administration.
- **Compact high density design:** Made with a rugged metal housing.
- **Internal Shutters:** Eliminates the need for protective caps and keeps dust out

ITEM DESCRIPTION

M4LCQ16-50EE3G2	16-Fiber OM4 M4 Cassette with 16 LC Quad Adapters to 2 MPO (F), Tier 3, Universal Polarity - Aqua
M4LCQ16-50EE1G1	16-Fiber OM4 M4 Cassette with 16 LC Quad Adapters to 2 MPO (F), Tier 1, Universal Polarity - Aqua
M4LCQ16-09E1G1	16-Fiber OS2 M4 Cassette with 16 LC Quad Adapters to 2 MPO (F), Tier 1, Universal Polarity - Blue

AGENCIES/THIRD PARTY CERTIFICATIONS

- **RoHS:** Yes

DATA SHEET

SPECIFICATIONS:

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GENERAL INFO:

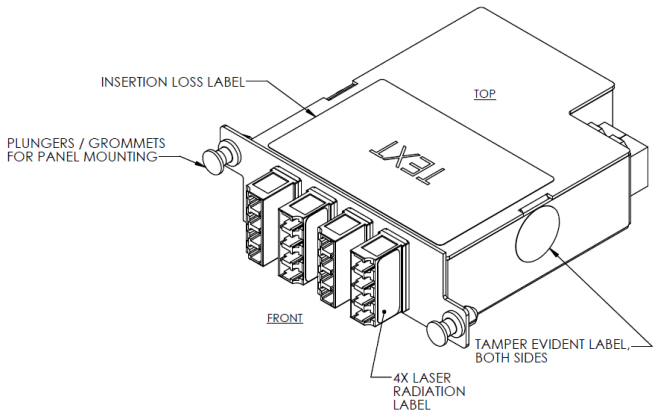
- Color: M4LCQ16-50EE3G2 - Aqua
  M4LCQ16-50EE1G1 - Aqua
  M4LCQ16-09E1G1 - Blue
- Number Of Ports: 8
- Typical Applications:
  M4LCQ16-50EE3G2 - Multimode
  M4LCQ16-50EE1G1 - Multimode
  M4LCQ16-09E1G1 - Single-mode
- Connection Type: 2 MPO-LC Quad
- Installation Destination: UC0 Fiber Enclosures
- Product Series: Infinium
- Type: Fiber Cassettes

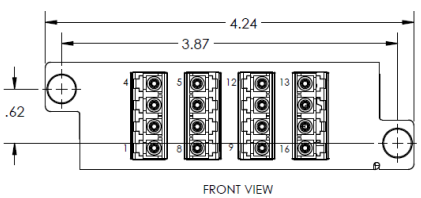
DIMENSIONS:

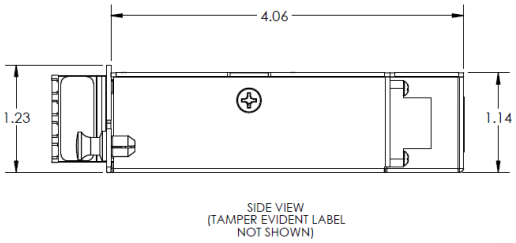
- Depth (Metric): 103.12 mm
- Depth (US): 4.06"
- Height (Metric): 31.24 mm
- Height (US): 1.23"
- Width (Metric): 107.70 mm
- Width (US): 4.24"
- Rack Units: 0.7

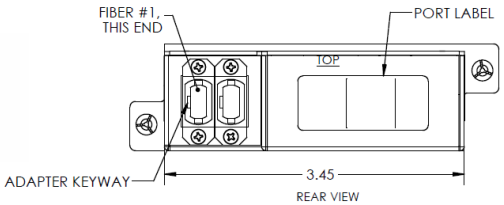
TECHNICAL INFORMATION:

- Connection Method:
  M4LCQ16-50EE3G2 - Universal Polarity (Flipped)
  M4LCQ16-50EE1G1 - Universal Polarity (Non-Flipped)
  M4LCQ16-09E1G1 - Universal Polarity (Non-Flipped)
- Fiber Capacity: 16
- Typical Insertion Loss:
  M4LCQ16-50EE3G2 - 0.5 dB
  M4LCQ16-50EE1G1 - 1.25 dB
  M4LCQ16-09E1G1 - 1.05 dB
- Typical Return Loss:
  M4LCQ16-50EE3G2 - 19.0 dB
  M4LCQ16-50EE1G1 - 19.0 dB
  M4LCQ16-09E1G1 - 52 dB
- Capacity: High Density
- Equipment Type: Pre-Terminated Cassettes









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