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## INFINIUM HIGH DENSITY (HD) M8 CASSETTE, OS2, 8 FIBER, LC QUAD, 1 MPO (F), TIER 2, METHOD A

M8LCQ08-09E2G1 | [Legrand](#)



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### FEATURES & BENEFITS

Designed to be used with the Infinium HD Enclosures, this MPO to LC Quad 8-fiber cassette supports Single-Mode (OS2) fiber. This M8 fiber optic, pre-terminated cassette provides the same swift deployment as our M4 products. The housing offers additional durability and integrated bend limiting considerations to ensure optimum optical performance. The Base 8 configuration of this cassette matches the fiber utilization of the majority of transceivers, providing for 100% fiber utilization. This makes these cassettes an ideal match for Ethernet transmission ranging from 40G to 400G. The Method A Polarity provides a "straight-through" configuration and the Tier 2 performance characteristics produce a typical insertion loss of 0.60db. and a return loss of 52dB.

- **Compatible with Infinium HD Enclosures.**
- **Base 8 configuration and 100% fiber utilization.**
- **Supports Single-Mode (OS2) Fiber.**
- **Tier 1 performance characteristics.**
- **Method A polarity.**

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### SPECIFICATIONS

#### GENERAL INFO

Color: Blue  
Number Of Ports: 8  
Typical Applications: Single-Mode  
Connection Type: MPO-LC  
Installation Destination: Fiber Cabinets  
Product Series: Infinium  
Type: High Density Cassettes

#### LISTING AGENCIES/THIRD PARTY CERTIFICATIONS

RoHS: Yes

#### DIMENSIONS

Rack Units: 1

#### CORD INFORMATION

Fiber Type: OS2

## TECHNICAL INFORMATION

Connection Method: Method A

Fiber Capacity: 8

Typical Insertion Loss: .060dB

Typical Return Loss: 52dB

Capacity: High Density

Equipment Type: Pre-Terminated Cassettes

## BUY AMERICAN ACT COMPLIANCE

Country Of Origin: CHINA