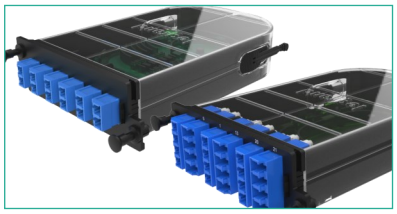
INFINIUM QUANTUM SPLICE CASSETTES

Infinium Quantum Splice Cassettes are available in the Infinium M4 footprint, enabling industry leading performance, fast field termination, and providing cable management within the housing. The Splice Cassettes are designed for use with Single-Mode (OS2) or Multimode (OM4/OM5) Fiber, Houses 12-24 fibers and are available in LC Duplex or LC Quad port configurations.

The 12 fiber cassettes feature a laser-cleaved pigtail from the factory and support fusion splicing of individual fibers, while the 24 fiber cassettes support fusion splicing of ribbon fibers. Heat shrinks, pigtail slack and cable slack are managed within the cassette—eliminating the need for individual splice trays or housings. The design of the cassettes allows easy mounting from either the front or the rear of an enclosure or panel, and individual fibers within the cassette may be accessed without disturbing the other fibers in the housing.



FLEXIBLE INSTALL

- Available in Infinium M4 footprint
- Mount from the front or rear of an enclosure or panel
- Available in single or ribbon fiber

HIGHER PERFORMANCE

- Laser-cleaved pigtail from the factory
- Infinium Quantum—Industry first Quantum-Low Loss Performance

MEETS NETWORK NEEDS

- Supports Single-Mode (OS2) or Multimode (OM4/OM5)
- Houses 12 or 24 fibers
- LC Duplex or LC Quad configurations

SPECIFICATIONS:

INFINIUM QUANTUM SPLICE CASSETTE PERFORMANCE

Type	Insertion Loss Max	Return Loss Max
Single-Mode OS2	0.14 dB	55 dB
Multimode OM4/OM5	0.10 dB	40 dB

Note: Insertion and Return Loss does not include the splice. End user is responsible for the quality of splice

INFINIUM QUANTUM SPLICE CASSETTE PERFORMANCE

Part Number	Description
M4LCD12-09S3A1	Infinium Quantum M4 Splice Cassette, 12F, LC Duplex, OS2, Single
M4LCD12-09R3A1	Infinium Quantum M4 Splice Cassette, 12F, LC Duplex, OS2, Ribbon
M4LCQ24-09R3A1	Infinium Quantum M4 Splice Cassette, 24F, LC Duplex, OS2, Ribbon
M4LCD12-50ES4A1	Infinium Quantum M4 Splice Cassette, 12F, LC Duplex, OM4, Single
M4LCD12-50ER4A1	Infinium Quantum M4 Splice Cassette, 12F, LC Duplex, OM4, Ribbon
M4LCQ24-50ER4A1	Infinium Quantum M4 Splice Cassette, 24F, LC Duplex, OM4, Ribbon

BENEFITS:

- Save time and money versus traditional splicing techniques
- Convenience of working on outside of the enclosure
- Lower loss, higher quality splice through the factory laser-cleaved pigtail
- Pairs perfectly with Legrand enclosures and panels

CASSETTES INCLUDE:

- 12 or 24 fiber pigtails
- Splice protection sleeves
- Fiber splice tray
- Applicable adapter panel