



## INFINIUM CORE™ FIBER SYSTEM

### THE INDUSTRY'S CORE STANDARD LOW-LOSS CHANNEL CONNECTION

Simplified Low Loss System - Infinium Core cassettes mix performance, simplified deployment and simplified ordering. The Infinium Core fiber optic pre-terminated cassette provides the fastest method of structured cabling deployment: plug it in and you're ready to go. Factory terminated and tested to guarantee low loss field performance when paired with Infinium Core fiber patch cords and trunks. Optimized for data centers Infinium Ultra delivers a total channel connection loss of 2.10dB (Single-Mode) and 2.50dB (Multimode).

#### DEVELOPED TO SUPPORT HIGH BANDWIDTH APPLICATIONS

Financial  
Healthcare  
Telecommunications  
Hospitality  
Education

#### BENEFITS:

- Designed to meet or exceed standard Low channel connection loss:
  - Single-mode total channel connection loss: 2.1dB
  - Single-mode total channel connection return loss: 49dB
  - Multimode total channel connection loss: 2.5dB
  - Multimode total channel connection return loss: 19dB
- Options: 12 and 24 fiber Single-Mode or Multimode connectivity
- Versatile Installation: Options for high density or modular mounting
- Universal Polarization: Simplifies selection and installation



designed to be better.™

## INFINIUM CORE™ M4 SYSTEMS - For INFINIUM HD FIBER ENCLOSURES

| Part Numbers  | Description   | Fiber # | Polarity  | Form Factor |
|---|---|---------|-----------|-------------|
| <b>Infinium Core M4 Single-Mode 12 Fiber MTP to Duplex LC</b>   |   |         |           |             |
| L1-0101B2JYx0xxxx   | Infinium Core LC to LC Duplex DFX Fiber OS2 Yellow Patch                          | 2       | A-B       | Duplex      |
| LM4-LC12J   | Infinium Core M4 Cassette, 12 Fiber, LC Duplex to MTP(M), OS2, Universal Polarity | 12      | Universal | M4          |
| C6363BxxxxJxxxxxxx  | Infinium Core OS2 Non-Pinned MTP Trunk  |         | B:1-1     | Trunk       |
| <b>Infinium Core M4 Single-Mode 24 Fiber (2 MTP) to Quad LC</b> |   |         |           |             |
| L1-0101B2JYx0xxxx   | Infinium Core LC to LC Duplex DFX Fiber OS2 Yellow Patch                          | 2       | A-B       | Duplex      |
| LM4-LC24J   | Infinium Core M4 Cassette, 24 Fiber, LC Quad to 2 MTP(M), OS2, Universal Polarity | 24      | Universal | M4          |
| C6363BxxxxJxxxxxxx  | Infinium Core OS2 Non-Pinned MTP Trunk  |         | B:1-1     | Trunk       |
| <b>Infinium Core M4 Multimode 12 Fiber MTP to Duplex LC</b>     |   |         |           |             |
| L1-0101B2EAx0xxxx   | Infinium Core LC to LC Duplex DFX Fiber OM4 Aqua Patch                            | 2       | A-B       | Duplex      |
| LM4-LC12H-1A1UN   | Infinium Core M4 Cassette, 12 Fiber, LC Duplex to MTP(M), OM4, Universal Polarity | 12      | Universal | M4          |
| C4747BxxxxExxxxxxx  | Infinium Core OM4 Non-Pinned MTP Trunk  |         | B:1-1     | Trunk       |
| <b>Infinium Core M4 Multimode 24 Fiber (2 MTP) to Quad LC</b>   |   |         |           |             |
| L1-0101B2EAx0xxxx   | Infinium Core LC to LC Duplex DFX Fiber OM4 Aqua Patch                            | 2       | A-B       | Duplex      |
| LM4-LC24H-2A1UN   | Infinium Core M4 Cassette, 24 Fiber, LC Quad to 2 MTP(M), OM4, Universal Polarity | 24      | Universal | M4          |
| C4747BxxxxExxxxxxx  | Infinium Core OM4 Non-Pinned MTP Trunk  |         | B:1-1     | Trunk       |

## INFINIUM CORE™ HDCA SYSTEMS - For HDJ MODULAR PANELS

| Part Numbers   | Description  | Fiber # | Polarity  | Form Factor |
|--|--|---------|-----------|-------------|
| <b>Infinium Core HDJ Single-Mode 12 Fiber MTP to Duplex LC</b> |  |         |           |             |
| L1-0101B2JYx0xxxx  | Infinium Core LC to LC Duplex DFX Fiber OS2 Yellow Patch                           | 2       | A-B       | Duplex      |
| LMH-LC12J  | Infinium Core HDJ Cassette, 12 Fiber, LC Duplex to MTP(M), OS2, Universal Polarity | 12      | Universal | HDJ         |
| C6363BxxxxJxxxxxxx   | Infinium Core OS2 Non-Pinned MTP Trunk   |         | B:1-1     | Trunk       |
| <b>Infinium Core HDJ Multimode 12 Fiber MTP to Duplex LC</b>   |  |         |           |             |
| L1-0101B2EAx0xxxx  | Infinium Core LC to LC Duplex DFX Fiber OM4 Aqua Patch                             | 2       | A-B       | Duplex      |
| LMH-LC12H-1A1UN  | Infinium Core HDJ Cassette, 12 Fiber, LC Duplex to MTP(M), OM4, Universal Polarity | 12      | Universal | HDJ         |
| C4747BxxxxExxxxxxx   | Infinium Core OM4 Non-Pinned MTP Trunk   |         | B:1-1     | Trunk       |

## INFINIUM CORE™ M2 SYSTEMS - For Q-SERIES FIBER ENCLOSURES

| Part Numbers  | Description   | Fiber # | Polarity  | Form Factor |
|---|---|---------|-----------|-------------|
| <b>Infinium Core M2 Single-Mode 12 Fiber MTP to Duplex LC</b>   |   |         |           |             |
| L1-0101B2JYx0xxxx   | Infinium Core LC to LC Duplex DFX Fiber OS2 Yellow Patch                          | 2       | A-B       | Duplex      |
| LM2-LC12J   | Infinium Core M2 Cassette, 12 Fiber, LC Duplex to MTP(M), OS2, Universal Polarity | 12      | Universal | M2          |
| C6363BxxxxJxxxxxxx  | Infinium Core OS2 Non-Pinned MTP Trunk  |         | B:1-1     | Trunk       |
| <b>Infinium Core M2 Single-Mode 24 Fiber (2 MTP) to Quad LC</b> |   |         |           |             |
| L1-0101B2JYx0xxxx   | Infinium Core LC to LC Duplex DFX Fiber OS2 Yellow Patch                          | 2       | A-B       | Duplex      |
| LM2-LC24J   | Infinium Core M2 Cassette, 24 Fiber, LC Quad to 2 MTP(M), OS2, Universal Polarity | 24      | Universal | M2          |
| C6363BxxxxJxxxxxxx  | Infinium Core OS2 Non-Pinned MTP Trunk  |         | B:1-1     | Trunk       |
| <b>Infinium Core M2 Multimode 12 Fiber MTP to Duplex LC</b>     |   |         |           |             |
| L1-0101B2EAx0xxxx   | Infinium Core LC to LC Duplex DFX Fiber OM4 Aqua Patch                            | 2       | A-B       | Duplex      |
| LM2-LC12H   | Infinium Core M2 Cassette, 12 Fiber, LC Duplex to MTP(M), OM4, Universal Polarity | 12      | Universal | M2          |
| C4747BxxxxExxxxxxx  | Infinium Core OM4 Non-Pinned MTP Trunk  |         | B:1-1     | Trunk       |
| <b>Infinium Core M2 Multimode 24 Fiber (2 MTP) to Quad LC</b>   |   |         |           |             |
| L1-0101B2EAx0xxxx   | Infinium Core LC to LC Duplex DFX Fiber OM4 Aqua Patch                            | 2       | A-B       | Duplex      |
| LM2-LC24H   | Infinium Core M2 Cassette, 24 Fiber, LC Quad to 2 MTP(M), OM4, Universal Polarity | 24      | Universal | M2          |
| C4747BxxxxExxxxxxx  | Infinium Core OM4 Non-Pinned MTP Trunk  |         | B:1-1     | Trunk       |

## INFINIUM CORE™ & LEGRAND TRANSCEIVERS



Finding the correct transceiver for any application is fast and simple.

Legrand transceivers, powered by Integra, are TAA compliant and capable of all functions and features supported by their OEM counterparts. Each transceiver is rigorously tested to ensure 100% compatibility with the same equipment as their OEM equivalents. Legrand offers well over 4000 transceivers for shipping within 1-3 business days—finding the correct transceiver for any application is fast and simple.

