

MXHD Splice



AFL's MXHD Splice solution offers high-density splicing, 144F in 1RU, for any Data Centre or Hyperscale installation where excess cable slack cannot be accommodated.

MXHD Splice Cassettes feature internal fibre routing and two rear cable entry points, allowing for left and right cable entry. The cassettes are pre-loaded with SM or OM4 900 μ m tight buffered LC pigtailed and splice protectors, ready for in-field splicing to 250 μ m or 900 μ m stranded fibres.

The fixed 19" MXHD Splice Frame features 12 cassette provisions with ample rear cable management, as well as provision for an optional ear mounted hinged cable tray. The splice frame is compatible with MXHD MTP-LC patch cassettes and patch plates, offering a wide range of connectivity.

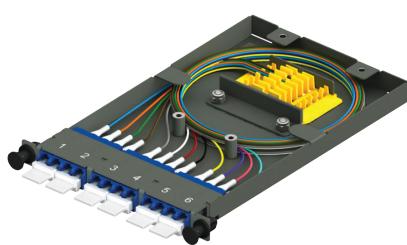
Features

- Up to 144F fibre splicing in 1RU
- SM and OM4, 12F configuration
- Organised cable/fibre routing in frame and cassette
- Compatible with all MXHD patch cassette options and accessories

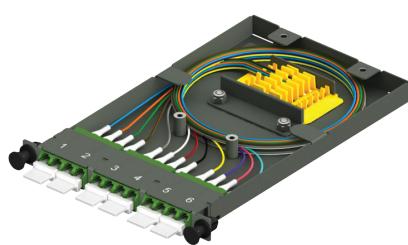
Applications

- Data Centres
- Hyperscale
- Central Offices
- Structured Cabling Networks

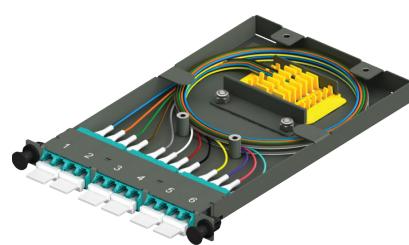
Cassette Ordering Information



MXHD-SP-1A1-N-N12-LCUBU
MXHD Splice Cassette, 12F, SM G.657.A1,
900 μ m TB Pigtailed, LC/UPC Blue



MXHD-SP-1A1-N-N12-LCAGN
MXHD Splice Cassette, 12F, SM G.657.A1,
900 μ m TB Pigtailed, LC/APC Green



MXHD-SP-4BT-N-N12-LCUAQ
MXHD Splice Cassette, 12F, OM4,
900 μ m TB Pigtailed, LC/UPC Aqua

Connector Specifications

OPTICAL PERFORMANCE	VALUE	TEST METHOD
Insertion loss (Maximum)	≤ 0.25 dB	IEC 61300-3-4
Return loss (SM, UPC)	≥ 55 dB	IEC 613003-3-6
Return loss (SM, APC)	≥ 65 dB	IEC 613003-3-6

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Enclosures and Accessories

ENCLOSURES		
FRE-1RU-MOD-MXHDT-SPlice	1RU 12 position fixed MXHD Splice frame with rear cable slack management 278 mm depth	
ACCESSORIES		
MXHD-LC12-BU MXHD-LC12-AQ	12 Fibre LC MXHD adapter panel - blue adapters 12 Fibre LC MXHD adapter panel - aqua adapters	
MXHD-MTP6-BK MXHD-MTP6-AQ	6 port MTP MXHD adapter panel - black adapters 6 port MTP MXHD adapter panel - aqua adapters	
MXHD-BLANK	Blank panel to suit MXHD trays	
FRE-1RU-CTRAY-MXHD-HG	Hinged ear mount c-tray - optional to suit 1RU MXHD Splice frame	
MXHD-ADPT-SD	MXHD to SD adapter plate	