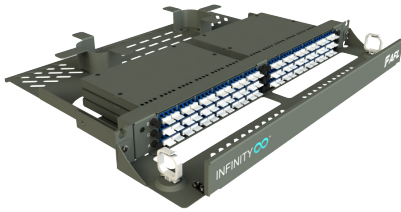# XHD Splice

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

XHD 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 900µm tight buffered LC pigtails and splice protectors, ready for in-field splicing to 250µm or 900µm stranded fibres.

The fixed 19" XHD Splice Frame features 6 cassette provisions with ample rear cable management, as well as provision for an optional front or ear mounted hinged cable tray. The splice frame is compatible with XHD MTP-LC patch cassettes and patch plates, offering a wide range of connectivity.
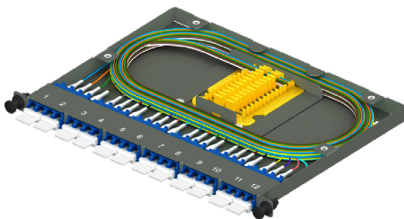
Features

- Up to 144F fibre splicing in 1RU
- SM and OM4, 24F configuration
- Organised cable/fibre routing in frame and cassette
- Compatible with all XHD patch cassette options and accessories
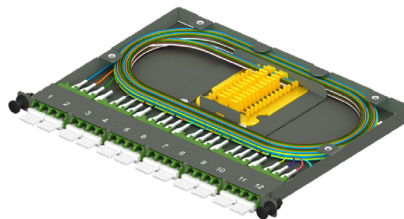
Applications

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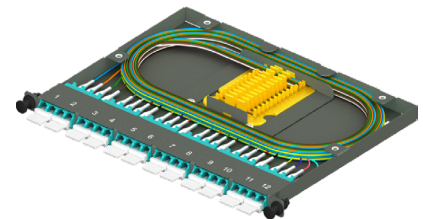- Structured Cabling Networks

Cassette Ordering Information

XHD-SP-1A1-N-N24-LCUBU
XHD Splice Cassette, 24F, SM G.657.A1, 900µm TB Pigtails, LC/UPC Blue

XHD-SP-1A1-N-N24-LCAGN
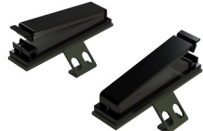XHD Splice Cassette, 24F, SM G.657.A1, 900µm TB Pigtails, LC/APC Green

XHD-SP-4BT-N-N24-LCUAQ
XHD Splice Cassette, 24F, OM4, 900µm TB Pigtails, 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

XHD Splice

Enclosures and Accessories

ENCLOSURES		
FRE-1RU-MOD-XHDT-SPLICE	1RU 6 position fixed frame with rear cable slack management 278mm depth	

ACCESSORIES		
IFC-MTP08XHD-FL-BK	8 port MTP adapter panel, black adapters	
IFC-MTP08XHD-FL-AQ	8 port MTP adapter panel, aqua adapters	
FRE-BLANK-XHD	Blanking panel for unused ports	
FRE-1RU-CTRAY-HG	Hinged front mount cable tray - to suit 1RU 'MOD-XHDT' style frames 430mm width x 100mm depth	
FRE-CTRAY-1-CLP	Patch cord retention clip and bracket kit, for 1RU cable tray (Set of 2) Compatible with: • Front cable tray on 'FRE-1RU-MOD-XHDFS' • 'FRE-1RU-CTRAY-HG' on 1RU 'MOD-XHDT' style frames	
FRE-CTRAY-1-PBL/R-K	Patch cord retention block and bracket kit, for 1RU cable tray (Set of 2) Compatible with: • Front cable tray on 'FRE-1RU-MOD-XHDFS' • 'FRE-1RU-CTRAY-HG' on 1RU 'MOD-XHDT' style frames	