

144 Fibre UHD UltraSlim Panel

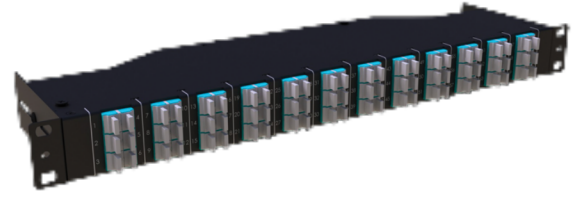
The FirstLight™ Ultra High Density UltraSlim Panel is specially designed to accommodate high density cabling in high end Data Centre and Telecommunication central office environment.

The shallow depth of the FirstLight™ UHD UltraSlim Panel makes it suitable for copper racking systems or Telecommunications ODFs.

Design accommodates extraction free shuttered LC QUAD adaptors allowing for smooth patching and easy LC port access. The 144 fibre MPO/MTP UltraSlim Panel contains factory controlled and tested MPO/MTP - LC to deliver optical performance and reliability.

Low loss MPO/MTP Elite® and LC Premium versions are offered featuring significantly improved low insertion losses for demanding low power budget, high speed networks.

Front and rear cable management facilitates provides a neat and tidy solution for managing incoming and exiting cables.



Features

- Available in OS1/2 & OM3/OM4 fibre grades
- Up to 12 MPO/MTP standard connectors
- Designed around FibreFab's new LC square quad adaptor
- Compliant multifibre connector rear entry ports
- Up to 144 fibres
- Factory Terminated and Tested
- Only 11.7cm deep
- Ultra High Density 1U panel can scale up to 144 discrete LC connectors and up to 12 MPO/MTP rear interfaces
- Rapid Deployment - Factory terminated modular system saves installation and reconfiguration time during moves, adds and changes.
- Easy Installation - Open rear entry MPO/MTP ports guarantee easy cabling access and facilitates connection to MPO/MTP backbone trunks system.
- Compact - 1U Size 11.7cm depth saves space and makes the panel compatible with copper racking system.
- MPO/MTP components feature superior optical and mechanical properties.
- Optimised Performance - Low loss MPO/MTP, discrete premium connectors and OM4 fibre assures low insertion losses and power penalties in tight power budget, high speed network environments.
- Reliability - 100% Tested - Combination of high quality components and manufacturing quality control guarantees product to the highest standards.

Applications

- Data communication applications
- Data Centre infrastructure
- Storage Area Network - Fibre Channel
- Emerging 40 and 100Gbps Protocols compatible

Specification

Connector Performance

CONNECTOR MATING	IL AVERAGE	IL MAX	RETURN LOSS
Multimode			
MPO/MTP Low Loss	0.10dB	0.35dB	NA
LC Premium	0.08dB	0.15dB	NA
Singlemode			
MPO/MTP Low Loss	0.10dB	0.35dB	>60dB
LC Premium	0.12dB	0.15dB	>55/65dB*

*UPC/APC

Technical Specification

ELEMENT	CHARACTERISTIC
Fibre	OS1/OS2, OM3, OM4 (ISO/IEC 60793)
Adaptors	MPO/MTP (IEC-61754-7 & EIA/TIA-604-5) Body Colour: Black - Polarity: Keyway up-Keyway down Body Colour: Grey - Polarity: Keyway up-Keyway up LC Quad Body Colour: Aqua (MM), Blue (SM/UPC), Green (SM/APC)
Connectors	MPO/MTP (IEC-61754-7 & EIA/TIA-604-5) Boot Colour: Black Body Sleeve Colour: MM Elite® (Aqua), SM Elite® (Yellow) LC (IEC 61754-20) Boot Colour: White (MM and SM/UPC), Green (SM /APC) Housing Colour: Beige (MM), Blue (SM), Green (SM/APC)
Operating Temperature	-20 ~ +60°C

Example Part Number

