



### Ultra High Density Angled UltraSlimline Panel 1U 19" MPO/MTP - Up to 144 Fibres



The FirstLight™ Ultra High Density (UHD) UltraSlim Angled Panel is designed to accommodate high density cabling in Data Centre and Telecommunication central office environments. It offers practical density with 144 LC ports in 1U. The shallow depth of the FirstLight™ UHD UltraSlim Panel makes it suitable for low depth copper racking systems and Telecommunications ODFs. The angled front profile optimises front cable routing. Front and rear cable management provides a neat and tidy solution for managing incoming and exiting cables. The design utilises unique shuttered LC QUAD adaptors, allowing easy LC port access. The 1U 19" 144 fibre MPO/MTP UltraSlim Panel contains factory controlled and tested MPO/MTP - LC assemblies to deliver optical performance and reliability. Low loss MPO/MTP Elite® and LC Premium versions are offered featuring significantly improved insertion losses for demanding low power budget, high speed networks.

#### FEATURES

- Compact - 1U Size with shallow depth saves space and makes the panel compatible with copper racking systems
- Angled front profile optimises front cable routing
- Ultra High Density 1U 19" panel can scale up to 144 discrete front LC ports and up to 12 MPO/MTP rear interfaces
- Designed around our high density LC square quad adaptor - no extraction tools required to access front LC ports
- Rapid deployment - Factory pre-populated panel saves installation time - 1 x click to connect 12/24 Fibres using MPO/MTP interface
- Rear and front fibre cable management accessories
- Available in OS1/2 & OM4 fibre grades
- Easy installation - Open rear entry MPO/MTP ports for cabling and facilitates connection to MPO/MTP backbone trunk
- Factory terminated and tested
- MPO/MTP components feature superior optical and mechanical properties
- Optimised performance - Low loss MPO/MTP, discrete premium connectors and OM4 fibre assure low insertion loss 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
- Data Centre infrastructure
- Storage Area Network - Fibre Channel
- Emerging 40 and 100Gbps Protocols compatible

#### SPECIFICATION

#### TECHNICAL SPECIFICATION

ELEMENT	CHARACTERISTIC
Fibre Types	OS1/OS2, OM3, OM4
Fibre Counts	144

ELEMENT	CHARACTERISTIC
	US Conec (IEC-61754 & EIA/TIA-604-5)
	<b>Body Colour:</b> Black
MTP Adaptors	<b>Polarity:</b> A/C - Keyway up-Keyway down
	<b>Body Colour:</b> Grey
	<b>Polarity:</b> B - Keyway up-Keyway up
LC Adapter	LC Quad
	<b>Body Colour:</b> Aqua (MM)(OM3/OM4), Blue (SM/UPC), Green (SM, APC)
	MTP Standard (12 Fibre Ferrule)
Terminations	MTP Low Loss Elite (12 Fibre Ferrule)
	LC Standard
	LC Low Loss Elite
Storage Temperature	-20 ~ +60°C
Installation Temperature	-20 ~ +60°C
Operating Temperature	-20 ~ +60°C
Dimensions (W x D x H)	482 x 196 x 44mm
Package Dimensions (W x D x H)	545 x 260 x 65mm
Panel Weight	2.15kg
Panel Weight (Packaged)	2.50kg

## ORDERING INFORMATION

**USLCQMEMOM4120V** - FL UHD UltraSlim Angled Panel - 120 Cores - 30 x LC(Quad) -10 x MPO/MTP Low Loss MM OM3/OM4 19" - Black - Polarity A/C

**USLCQMEMOM4144V** - FL UHD UltraSlim Angled Panel - 144 Cores - 36 x LC(Quad) -12 x MPO/MTP MM OM3/OM4 Low Loss 19" - Black - Polarity A/C

**USLCAQMEM7A1120V** - FL UHD UltraSlim Angled Panel - 120 Cores - 30 x LC/APC(Quad) - 10 x MPO/MTP Low Loss SM 9/125 19" - Black - Polarity A/C

**USLCAQMEM7A1144V** - FL UHD UltraSlim Angled Panel - 144 Cores - 36 x LC/APC(Quad) - 12 x MPO/MTP Low Loss SM 9/125 19" - Black - Polarity A/C

**USLCQMEM7A1120V** - FL UHD UltraSlim Angled Panel - 120 Cores - 30 x LC(Quad) -10 x MPO/MTP Low Loss SM 9/125 19" - Black - Polarity A/C

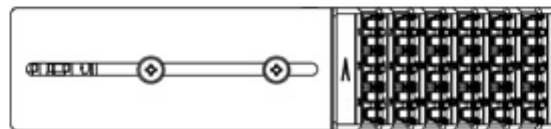
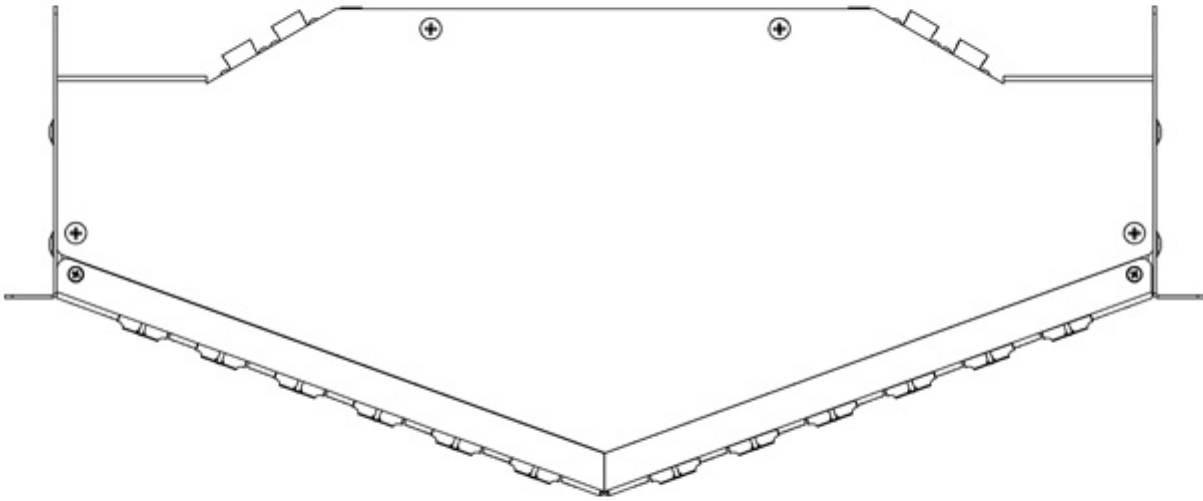
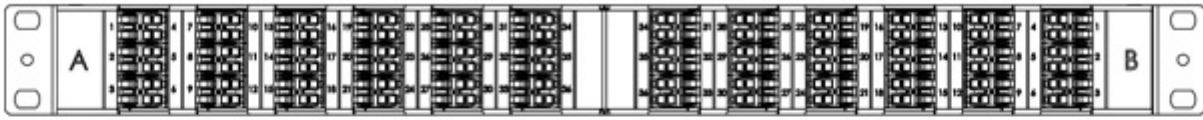
**USLCQMEM7A1144V** - FL UHD UltraSlim Angled Panel - 144 Cores - 36 x LC(Quad) -12 x MPO/MTP Low Loss SM 9/125 19" - Black - Polarity A/C

NOTE: The Cassettes are supplied as standard as Polarity A/C, Add B1 or B2 to the end of the Part No. to specify polarity B

**CMBRACKET/BLK** - UNIVERSAL BEND RADIUS BRACKET

Please contact our sales team on +44 (0) 1908 441 121 for further ordering information.

## TECHNICAL DRAWING



**CONTACT OUR SALES TEAM TODAY**

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