

UltraSlim 1RU V-Panel BASE-8 with 144 Fibers

The UltraSlim 1RU V-Panel BASE-8 with 144 fibers is designed to allow connection of BASE-8 100/40G (MPO) with lower-speed 25/10G interfaces (LC DX). High-density design offers optimal space management with extraction and tool-free finger access to LC ports. Fixed panel offers both installation speed and cost effectiveness against legacy high-density modular systems. The shallow depth of UltraSlim profile uniquely makes it suitable for low depth cabinet or racking systems. The V-shape profile front, together with cable management accessories, facilitates managing front and rear cabling. Low loss MPO and LC Premium terminations are offered featuring significantly improved low insertion losses for demanding low power budget, high-speed networks.

Features

- Dedicated Base-8 configuration for 144 x Fibers
- UltraSlim profile suitable for low depth racks or cabinet
- Extraction-free LC port finger access
- Improved installation time and cost effectiveness of single panel
- V-shape profile improves patching management
- Optimized Performance – Low loss MPO and LC terminations assure low insertion losses and power penalties in tight power budget, high-speed network environments
- Rapid Deployment – Factory pre-populated panel saves installation time – 1 x click to connect 12 fibers using MPO interface

Applications

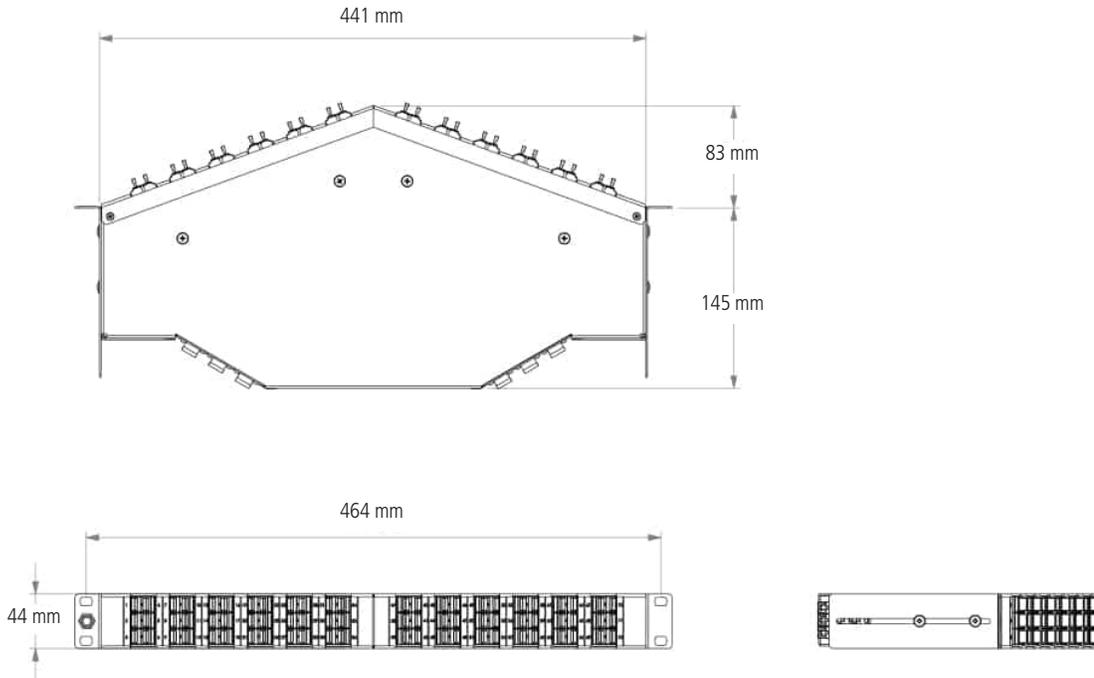
- Data Communication Applications
- Data Center Infrastructure
- Storage Area Network – Fiber Channel
- 40 and 100 Gbps BASE-8

Ordering Information

CODE	FIBER TYPE	CODE	END B	CODE
A	4 (OM4) W (OM5) 7 (G.657A1)	USABBPV	A (LC) B (LCA)	-05DN (STANDARD) -05XX (CUSTOM)

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Technical Drawings



Specifications

PARAMETER	VALUE
Fiber Types	SM G.657A1, MM OM4
Fiber Count	144
MPO Adapters	IEC 61754 and EIA/TIA 604-5 Body Color: Black
LC Adapters	LC Quad Body Color: Aqua (MM)(OM4), Blue (SM/UPC), Green (SM/APC)
Terminations	MPO Low Loss Premium (12 Fiber Ferrule) with LC Low Loss Premium
Dimensions (W x D x H) Packaged	464 x 228 x 44 mm 545 x 260 x 70 mm
Weight Packaged	2 kg 2.2 kg

Qualifications

GOVERNING BODY	STANDARD CODES	COMPONENT
IEC	61754 61300-3-4, 61300-3-34, 61300-3-6	MPO Adapters LC Adapters
EIA/TIA	604-5	MPO Adapters

Temperature Specifications

TEMPERATURE RANGE	
STORAGE	-20°C to +60°C
INSTALLATION	-20°C to +60°C
OPERATING	-20°C to +60°C

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Connector Performance

CONNECTOR MATING	INSERTION LOSS (IL) AVERAGE	IL MAX	RETURN LOSS (RL)
MPO Premium (MM)	0.10 dB	0.35 dB	N/A
NA	NA	NA	N/A
MPO Premium (SM)	0.10 dB	0.35 dB	>60 dB
NA	NA	NA	N/A

OPTICAL PERFORMANCE	MM PREMIUM	NA	SM PREMIUM	NA
IL Max/Master (Acceptance)	0.15 dB	NA	0.15 dB	NA
Ave/Master	0.08 dB	NA	0.12 dB	NA
Ave/Random	0.10 dB	NA	0.12 dB	NA
RL (Min Acceptance)	NA	NA	55/65 dB*	NA

*UPC/APC