



## MTP/MPO-LC Transition Module, L-Series

### Description

The transition module converts the backbone optical fiber MTP/MPO connection into LC connection in the front of the module, allowing the LC patch cords to be connected with nearby operating equipment. Normally it is used for low data rates, such as 1G, 10G and 16G,

### Features & Benefits

- Fast and toolless installation
- 12 cores LC duplex and 24 cores LC duplex available
- OS2, OM3, OM4 and OM5 fiber types available
- Visible port marking for easy identification
- Suitable for 10G with LC and 40G to 100G connections
- Universal Polarity Z of MPO-LC modules for easy connections without flipping the modules or thinking which patch cord to use

### Compliance & Standards

- ISO/IEC 24764
- ISO/IEC 11801-5
- ANSI/TIA-942-A/B
- EN50173-5

### Drawing



### Applications

- Data Center
- Telecommunication Infrastructure



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Product Specifications

Application	L-series Optical Fiber Patch Panel		
Material	PC/ABS		
Color	Black		
Adaptor Color	LC Single Mode	Blue	
	LC OM3	Aqua	
	LC OM4	Violet	
	LC OM5	Lemon Green	
	MPO	Black	
Ferrule Material	LC: Zirconia Ceramic; MTP/MPO: Composite Material		
Operating Temperature (°C)	-10-60		
Durability	MPO ≥100 times		
	LC ≥1000 times		
Density	MPO Insertion Loss (dB)	LC Insertion Loss (dB)	Return Loss (dB)
Single Mode APC	Std<0.7, ULL<0.35	Std<0.3, ULL<0.25	>50
OM3	Std<0.35, ULL<0.25	Std<0.25, ULL<0.15	>20
OM4	Std<0.35, ULL<0.25	Std<0.25, ULL<0.15	>20
OM5	Std<0.35, ULL<0.25	Std<0.25, ULL<0.15	>20



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## Ordering Information

Part No.	Description	
VR-F-MPO/A/B-CD-E-F	MTP/MPO-LC Transition Module, L-series	
A	Connector Type	None=PC, APC=APC
B	Connector Gender	None=Female, M=Male
C	Connector	MD3=1x12 Cores MPO to 12 Cores LC Transition Module MD4=2x12 Cores MPO to 24 Cores LC Transition Module MD5=1x24 Cores MPO to 24 Cores LC Transition Module
D	Fiber Type	SM, OM3, OM4, OM5
E	Polarity	None=A Polarity, B= B Polarity, C=C Polarity Z=Z (Universal Polarity)
F	Insertion Loss	None=Standard, U=ULL

Example: VR-F-MPO-MD5OM3-Z

Product Name: L-series 24 Cores MPO to 24 Cores LC Transition Module