

## 1U 144FO TRANSITION QSFP 40G TO SFP 10G BREAKOUT PANEL – QPF144xx



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NEXCONEC<sup>®</sup> High Density 144 Fibers 1U Breakout Fiber Patch Panel is designed to connect 40G QSFP ports with MTP<sup>®</sup>/MPO fiber cables, mapping to the back of the panel, then breaking out as 72x 10G on the front panel with LC fiber cables. The panel provides MPO and LC Premium terminations with remarkable low insertion losses, ensuring exceptional performance for high-speed networks with stringent low power budgets. All breakout panels meet the requirements of TIA/EIA, IEC standards.

### FEATURES

- ✓ Up to 144FO with LC and 18x Base-8 MPO(Male) Elite connections on the back
- ✓ Standard 19" Rack mounting type
- ✓ Fixed panel with adjustable side brackets
- ✓ Easy front and rear access
- ✓ Available in shuttered dust proof LC adapters
- ✓ Flat and Angle option available
- ✓ Easy rapid deployment
- ✓ RoHS, REACH SvHC

### APPLICATIONS

- ✓ Datacenters, Premises installations, Enterprise networks
- ✓ Indoor and data communication applications
- ✓ Fiber Channel - Storage area network
- ✓ Implementation in 40G/100G Networks

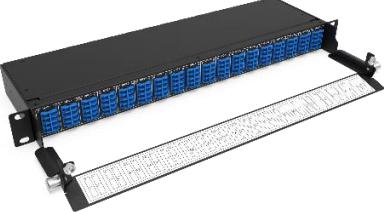
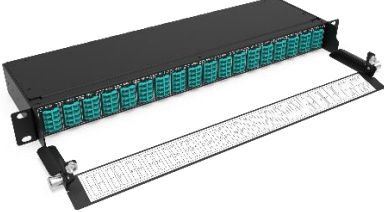
## PERFORMANCE

Parameters	Units	SM MPO	SM LC/SC	MM MPO	MM LC/SC
Avg/Max IL– Premium in dB	dB	≤ 0.10/0.35	≤ 0.12/0.15	≤ 0.10/0.35	≤ 0.12/0.15
Return Loss (PC/APC)	dB	≥ 60	≥ 60	NA	NA

## SPECIFICATIONS

Parameters	Value
Mounting Type	Rack 19"
Opening Type	Fixed
Access Type	Front and Rear access
Front Cable Management	Front manager with Hinged drop-down door
Cable Entry Direction	Rear
Rear Cable Management	Cable manager bar
Number of Ports	Front: 36x LC Quad Rear: 18x MPO (Male) Base-8
Fiber Capacity	144FO in LC
Height Unit	1U
Dimensions (W x D x H in MM)	445.4 x 200 x 43.1 mm
Material	Cold Rolled Steel & Stainless Steel
Housing Color	Black
Compliance	RoHS, REACH SvHC
Application	Indoor IP20
Lockable	No
Net Weight	3 Kg
Operating Temperature	-20 ~ +60°C
Installation Temperature	-20 ~ +60°C

## ORDER INFORMATION

Product	Part Number	Product Description
	<b>QPF144A1</b>	1U 144F QSFP Breakout Flat Panel 18xMPO(M) Elite - LC Single mode OS2, Base-8
	<b>QPF144OM4</b>	1U 144F QSFP Breakout Flat Panel 18xMPO(M) Elite - LC Multimode OM4, Base-8

## TECHNICAL DRAWINGS

