

Zeta Core™ 1U 144 Fiber Patch Panel



3C3® Zeta Core™ Panel is specially designed to accommodate Zeta Core™ cabling in high end Data Center and Telecommunication central office environment. The shallow depth of Zeta Core™ Panel makes it suitable for low depth copper racking systems or Telecommunication ODFs. The 1U 19" 144 fiber Panel contains factory controlled and tested Modules can be installed in it. Different types of cassettes are available to deliver optimum Performance and reliability. Integrated fiber management features are provided to secure trunk cables, separate patch cords and maintain safe bend radius during fiber routing.

Features

- Complies to IEC61754-7, ANSI/TIA-604-5 FOCIS 5, ANSI/TIA 472.AAAD and ISO/IEC 11801
- Patch Panel design rail and easy pullout.
- Easy installation: Cassettes can be installed
- 1U patch panel capacity comes up to 144F fully loaded with 18x 8LC cassettes
- Factory pre-terminated and tested modules are available
- 19" rack mount, the panel is made of cold rolled steel sheet and module is made of plastic

Constructional Specifications

Body Materials	: SPCC (cold rolled steel sheet)
Painting Finish	: Black (fine sand grain spray)
Panel Color	: RAL 9004 Black
Fiber Mode	: OS2, OM3, OM4
Panel Height	: 1U
Capacity	: 144 LC, 144 Splicing, 72 MPO
Dimension (WxDxH)	: 483 mm x 350 mm x 1U

Environmental Specifications

Operation Temperature	: -40°C~+75°C
Storage Temperature	: -40°C~+75°C
Relative Humidity	: ≤85%(+30°C)
Air Pressure	: 70kPa~106kPa

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MPO-LC Module



Features

- The module is made of plastic.
- Module capacity comes up to 1MPO - 8LC
- Factory pre-terminated and tested.
- High performance zirconia sleeve adaptors.

Configuration

Material	:	Plastic
Color	:	Black
(front)Adapter type	:	2 x LC Quad
(front)Adapter color	:	Aqua: OM3/OM4 Blue: SM-UPC; Green: SM-APC
(rear)Adapter type	:	MPO
(rear)Adapter color	:	Black
Connector A	:	MPO - APC 8F MPO - PC 8F
Connector B	:	MPO - APC 8F MPO - PC 8F
Polarity	:	Type B
Dimension (W x D x H)	:	60 x 105 x 11.4mm

Optical Specifications

Type	I.L Max	R. L
MPO (SM APC)	: ≤0.70dB	≥50dB
MPO (MM PC)	: ≤0.6dB	≥25dB
LC (SM PC)	: ≤0.30dB	≥50dB
LC (MM PC)	: ≤0.20dB	≥35dB

Ordering Information

Product Code	Description
66012-1000	Zeta Core™ Fiber Panel 144F 1U Unloaded
66102-04X0	MPO - LC Module, 1No 8F MPO to 2LC Quad X=Type, 0 – OS2, 1 - OM3, 2 - OM4 (Aqua), 3 - OM5, 4 -OM4 (Magenta)