

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 MPO 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 12 modules
- 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

Mechanical 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

Zeta Core™ 1U 144 Fiber Patch Panel

MPO-LC Module



Features

- The module is made of plastic.
- Module capacity comes up to 12F fully loaded
- Factory pre-terminated and tested.
- High performance zirconia sleeve adapters.
- Modular design with higher density, it comes up to 12 LC ports and switches to MPO connection

Configuration

Material	:	Plastic
Color	:	Black
(front)Adapter type	:	3x LC Quad
(front)Adapter color	:	Aqua: OM3/OM4 Blue: SM-UPC; Green: SM-APC
(rear)Adapter type	:	MPO
(rear)Adapter color	:	Black
Connector A	:	LC-UPC, 0.9mm LC-APC, 0.9mm
Connector B	:	MPO-APC MPO-PC
Polarity	:	Type B
Dimension (W x D x H)	:	90 x 130 x 11.7mm

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)	: ≤0.30dB	≥35dB

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MPO-MPO Module



Features

- The module is made of plastic.
- Factory pre-terminated and tested.
- High performance zirconia sleeve adapters.
- Modular design with higher density, it comes up to 3 MPO Duplex adapter ports which switch to MPO connectivity

Technical Specifications

Material	:	Plastic
Color	:	Black
(front)Adapter type	:	MPO
(front)Adapter color	:	Black
(rear)Adapter type	:	MPO
(rear)Adapter color	:	Black
Connector A	:	MPO - APC 12F MPO - PC 12F
Connector B	:	MPO- APC 12F MPO - PC 12F
Polarity	:	Type B
Dimension (W x D x H)	:	90 x 130 x 11.7mm

Optical Specifications

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

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Splicing Module - LC



Features

- The module is made of Plastic
- Factory Pre terminated and Tested
- High Performance zirconia sleeve adaptors
- 12 Colored Pigtails

Technical Specifications

Material	:	Plastic
Color	:	Black
(front)Adapter type	:	3LC Quad
(front)Adapter color	:	Blue/Aqua
Dimension (W x D x H)	:	90 x 130 x 11.7mm

Optical Performances

Type	I.L Max	R. L
LC (SM PC)	: ≤0.30dB	≥50dB
LC (MM PC)	: ≤0.30dB	≥35dB

Ordering Information

Product Code

66011-1000
66100-05X0
66106-06X0
66103-05X0

Description

Zeta Core™ Fiber Panel 144F 1U Unloaded
MPO-LC Module, 1No 12F MPO to 3LC Quad
MPO- MPO Coupler Cassette, 1No 6F MPO to 6F MPO
Splicing Module-LC, Colored Pigtails, 12F LC Splice Cassette to 3x LC Quad
X=Type, 0- OS2, 1-OM3, 2-OM4 (Aqua), 3-OM5, 4- OM4 (Magenta)