

# Zeta Core™ 4U 576 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 4U 19" 576 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
- 4U patch panel capacity comes up to 576F fully loaded with 48 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 black
Fiber Mode	: OS2, OM3, OM4
Panel Height	: 4U
Capacity	: 576 LC, 576 Splicing, 288 MPO
Dimension (W x D x H)	: 483 mm x 350 mm x 4U

## 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™ 4U 576 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

### Mechanical Specifications

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
Patch cord polarity	:	Polarity 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)	: ≤0.20dB	≥50dB
LC (MM PC)	: ≤0.20dB	≥35dB

# Zeta Core™ 4U 576 Fiber Patch Panel

## MPO-MPO Module



### Features

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

### Mechanical Specifications

Material	:	Plastic
Color	:	Black
(front)Adapter type	:	MPO
(front)Adapter color	:	Black
(rear)Adapter type	:	MPO
(rear)Adapter color	:	Black
Connector A	:	MPO (Male)- APC 12F MPO (Male)- PC 12F
Connector B	:	MPO (Male)- APC 12F MPO (Male)- PC 12F
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

# Zeta Core™ 4U 576 Fiber Patch Panel

## Splicing Module - LC



### Features

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

### Mechanical 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 Performance

Type	I.L Max	R. L
LC (SM PC)	: ≤0.20dB	≥50dB
LC (MM PC)	: ≤0.20dB	≥35dB

### Ordering Information

Product Code	Description
66011-4000	Zeta Core™ Fiber Panel 576F 4U Unloaded
66100-05X0	MPO - LC Module, 1No 12F MPO to 3LC Quad
66106-06X0	MPO - MPO Coupler Cassette, 1No 6F MPO to 6F MPO
66103-05X0	Splicing Module - LC, Colored Pigtails, 12F LC Splice Cassette to 3 x LC Quad
	X=Type, 0 - SM, 1 - OM3, 2 - OM4 (Aqua), 3 - OM5, 4 - OM4 (Magenta)