

# Ultra Core™ 2U 288 Fiber Patch Panel



3C3® Ultra Core™ Panel is specially designed to accommodate Ultra Core™ cabling in high end Data Center and Telecommunication central office environment. The shallow depth of Ultra Core™ Panel makes it suitable for low depth copper racking systems or Telecommunication ODFs. The 2U 19" 288 fiber, 12 slots 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
- Modular design with Ultra Core™ special mini module up to 24LC adapter ports and switch to MPO Connection
- 2U patch panel capacity comes up to 288F fully loaded with 12 modules
- Unique tool-free installation design for easy and fast assembly and installation
- Factory pre-terminated and tested modules are available
- 19" rack mount, the panel is made of cold rolled steel sheet, Front cable management is made of Acrylic Plate. Convenient for cable management.

## Mechanical Specifications

Body Materials	: SPCC (cold rolled steel sheet)
Painting Finish	: Powder Coated
Panel Color	: RAL 9004 Black
Fiber Mode	: OS2, OM3, OM4
Panel Height	: 2U
Dimension	: 483mm x 364mm x 2U

## Environmental Specifications

Operation Temperature	: -20°C~+55°C
Storage Temperature	: -20°C~+60°C
Relative Humidity	: ≤85%(+30°C)
Air Pressure	: 70kPa~106kPa

# Ultra Core™ 2U 288 Fiber Patch Panel

## MPO-LC Module



### Features

- The module is made of SPCC
- Module capacity comes up to 24F fully loaded
- Factory pre-terminated and tested.
- High performance zirconia sleeve adaptors.
- Modular in design with Ultra core™, it comes up to 24 LC ports and switch to 2x12 MPO connection and 12LC port and switch to 1x12MPO Connection

### Configuration

Material	: SPCC
Color	: Black
(front)Adapter type	: LC Quad (w/o Flange) × 6Pcs
(front)Adapter color	: Aqua: OM3, Aqua & Magenta: OM4, Beige: OM1/OM2 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)	: 88mm x1.5mm x 34mm

### Optical Performance

Type	Module I.L Max
MPO-LC (MM)	: ≤0.75dB
MPO-LC (SM)	: ≤1.5dB

# Ultra Core™ 2U 288 Fiber Patch Panel

## MPO Adapter Plate



### Features

- Flexible configuration, fast Installation
- Quick disassembly, easy installation, no tools required
- MPO adapters can be selected according to user needs

### Technical Specifications

Fiber Mode	:	Multi-Mode /Single Mode
Dimension (W x D x H)	:	88mm x 1.5mm x 34mm

### Environmental Specifications

Operating Temperature	:	-20°C ~ +70°C
Storage Temperature	:	-40°C ~ +70°C

### Ordering Information

Product Code	Description
66043-2000	Ultra Core™ Fiber Panel 288F 2U Unloaded
66100-08X0	MPO-LC Module, 1No 12F MPO to 3LCU Quad
66101-07X0	MPO-LC Module, 2No 12F MPO to 6LCU Quad
66211-X000	6x MPO Adapter Plate loaded
	X= 0 - SM, 1- OM3, 2 - OM4 (Aqua), 3 - OM5, 4- OM4(Magenta)