

**C2E**<sup>TM</sup>

# Fiber Distribution Panel

Ordering Guide



**Amphenol**  
NETWORK SOLUTIONS™

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## Overview

The C2E chassis is a tray-based solution capable of deploying the C2 Advanced Optical Modules (AOMs). The C2E can be configured in multiple ways such as: patch, patch/splice, MPO breakout, TAPs, splitters, optical passives or pre-terminated.

C2E is adaptable to use in any network application. Mount the C2E chassis in a 19-inch or 23-inch rack or cabinet and deploy all 12 or 24 MPO trunk cables, fiber up to 3.0 mm, and any boot type.

Cable management features help to support and organize the fiber as it exits the chassis. The design promotes proper bend radius for all fiber up to 3.0 mm.

## Key Benefits

- Mount in a 19" or 23" rack or cabinet
- Mix and match any C2 AOMs
- Available in 1RU, 2RU and 4RU
- IFC clamping options available
- Tray-based system to provide ease access to the ports
- Hyper density per RU – 144 LC in 1RU
- Pre-terminated configurations available



Fig. 1: C2E 4RU chassis

## C2 Advanced Optical Modules (AOMs)

- HX, HX2 or HX8 Amphenol Network Solutions AOM modules
- Patch and splice
  - LC, SC & MPO
  - 6, 12 and 24 fibers
  - Mass and single fusion
- Pre-terminated
  - LC, SC module w/pre-term cable to LC, SC, or Pigtail
- MPO Breakout modules
  - 8, 12, 20 and 24 fibers
- TAPs
  - MPO, LC and SC
- Splitters
- WDMs



Fig. 2: LC TAPs AOMs (HX)  
Front-Rear Access (FRA)



Fig. 3: HX8 Module – MPO to  
LC Multi-Mode

Note: For C2 AOM part numbers, see [C2 AOM ordering guide](#)

## Chassis

### Part Numbers

Part Number	Description
C2E-01U	C2E 1RU BASE 12 CHASSIS, HOLDS 12 HX MODULES
C2E-02U	C2E 2RU BASE 12 CHASSIS, HOLDS 24 HX MODULES
C2E-04U	C2E 4RU BASE 12 CHASSIS, HOLDS 48 HX MODULES
C2E-01U8	C2E 1RU BASE 8 CHASSIS, HOLDS 18 HX8 MODULES
C2E-02U8	C2E 2RU BASE 8 CHASSIS, HOLDS 36 HX8 MODULES
C2E-04U8	C2E 4RU BASE 8 CHASSIS, HOLDS 72 HX8 MODULES

### Advanced Optical Modules - Chassis Configurations

RUs	Number of trays	Number of HX Modules	Number of HX2 Modules	Number of HX8 Modules	Max SC Single Ports	Max LC Single Ports	Max MPO Ports
1	3	12	6	18	72	144	72
2	6	24	12	36	144	288	144
4	12	48	24	72	288	576	288

Chassis	Dimensions
1RU	1.75" Height, 18" Depth, 17.25" Width
2RU	3.5" Height, 18" Depth, 17.25" Width
4RU	7" Height, 18" Depth, 17.25" Width

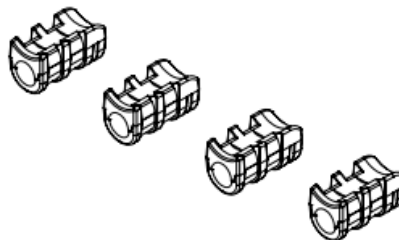


Fig. 4: C2E 2RU Chassis

## Clamp Accessories

### Part Numbers

Part Number	Description
KIT-CLMP-C2	CLAMP KIT C2 SADDLE (CABLE O.D. .12"-.75"), 4 PER KIT
C2-CLMP-LF (1RU Only)	C2 CLAMP LEFT, EXTERNAL, STACKABLE, FIXED DIA
C2-CLMP-RF (1RU Only)	C2 CLAMP RIGHT, EXTERNAL, STACKABLE, FIXED DIA
C2-CLMP-LV (1RU Only)	C2 CLAMP LEFT, EXTERNAL, STACKABLE, VARIABLE DIA
C2-CLMP-RV (1RU Only)	C2 CLAMP RIGHT, EXTERNAL, STACKABLE, VARIABLE DIA
C2E-CLAMP-2RU-L (2RU Only)	CLAMP BRACKET KIT, IFC CLAMP, 2RU, LEFT, TOP EXIT
C2E-CLAMP-2RU-R (2RU Only)	CLAMP BRACKET KIT, IFC CLAMP, 2RU, RIGHT, TOP EXIT
C2-CLMP-ANG	BRACKET KIT: CABLE TIE OFF, 3 POSITION, ANGLED
C2-CLMP-SMB (2 & 4RU Only)	BRACKET KIT: STRENGTH MEMBER, MAX CABLE DIAMETER 0.78
307730	C2E-01U CABLE CLAMP KIT
307731	C2E-02U CABLE CLAMP KIT



C2 Saddle Cable Clamp Kit

### KIT-CLMP-C2

Fig. 5: Saddle Cable Clamp

# C2E PRE-Terminated Part Configurator

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Fiber Count	
96	96 Fibers
72	72 Fibers
14	144 Fibers
28	*288 Fibers
*288 Fiber for LC Only	

Connector Type	
S	SC/UPC
N	SC/APC
L	LC/UPC
G	LC/APC

Length	
001-990	
Note: Round up to the nearest meter or 5ft. Max. length of 990ft or 300 meters	

Length Units	
M	Meters
F	Feet

Multi-Fiber Cable Type	
1	*Stranded SM, Riser Rated, Pigtail
2	*Stranded SM, Plenum Rated, Pigtail
3	Ribbon Fiber SM, Riser Rated, Pigtail
4	Ribbon Fiber MM, Riser Rated, Pigtail
5	*Stranded MM, Riser Rated, Pigtail, OM4
6	*Stranded MM, Plenum Rated, Pigtail, OM4
*Stranded is type G.657 – Micro Distribution	
Note: Other fiber cable types available, please contact Inside Sales	

Multi-Fiber Cable Mounting & Feed Direction (When facing front of chassis)	
A	Right Mount Top Exit
B	Left Mount Top Exit



Fig. 6: 1RU C2E - Front Open



Fig. 7: 1RU C2E - Rear Open