

# C2X Fiber Distribution Panel

## Ordering Guide



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## Overview

The C2X chassis is a streamlined bulkhead solution capable of deploying the C2 Advanced Optical Modules (AOMs). The C2X is offered in multiple configurations such as: patch, patch/splice, or pre-terminated. For a modular solution, you can also deploy any mix of C2 AOMs into the C2X chassis.

C2X is adaptable to use in any network application. Mount the C2X chassis in a 19-inch or 23-inch rack or cabinet and deploy all MPO types, fiber up to 3.0 mm, and any boot type.

Cable management ears 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, 3RU and 4RU
- IFC internal/external clamping options available
- Removable front fiber management cover (1RU does not have removable cover)
- Up to 50% higher density than most LGX patch solutions
- 2RU, 3RU and 4RU available in tray-based or bulk splicing
- Pre-terminated configurations available



Fig. 1: C2X 4RU chassis shown with front fiber management cover and door

## C2 Advanced Optical Modules (AOMs)

- Patch and splice
- Pre-terminated
- MPO Base-12
- TAPs
- Splitters
- WDMs

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



Fig. 2: LC to MPO AOMs in C2X tray

## Chassis

### Tray Based Part Numbers

Part Number	Description
C2X-01U*	C2X CHASSIS, 1RU, HOLDS UP TO 4 TRAYS/8 MODULES
C2X-02U	C2X CHASSIS, 2RU, HOLDS UP TO 8 TRAYS/16 MODULES
C2X-03U	C2X CHASSIS, 3RU, HOLDS UP TO 12 TRAYS/24 MODULES
C2X-04U	C2X CHASSIS, 4RU, HOLDS UP TO 16 TRAYS/32 MODULES

\* The 1RU does not have a removable cover.

Advanced Optical Modules - Chassis Configurations					
RUs	Number of trays	Number of Modules	Max SC Fibers	Max LC Fibers	Max MPO Fibers
1	4	8	48	96	576
2	8	16	96	192	1152
3	12	24	144	288	1728
4	16	32	192	384	2304



Fig. 3: C2X 2RU Chassis

## Chassis Accessories

### Part Numbers

Part Number	Description
C2X-TRAY	C2X TRAY EMPTY: COMPATIBLE WITH SINGLE OR DUAL C2 MODULE
C2X-BLANK	C2X BLANKING PLATE, 1 TRAY
C2X-SPLM144	C2X SPLICE CASSETTE, 144F MASS FUSION WITH SLEEVES
C2X-SPLS36	C2X SPLICE CASSETTE, 36F SINGLE FUSION WITH SLEEVES
C2X-SPT-2RU	SPLICE TRAY KIT, 2RU
C2X-SPT-3RU	SPLICE TRAY KIT, 3RU
C2X-SPT-4RU	SPLICE TRAY KIT, 4RU
C2X-CLAMP	INTERNAL MOUNTING CLAMP, MAX DIAMETER 1.25"

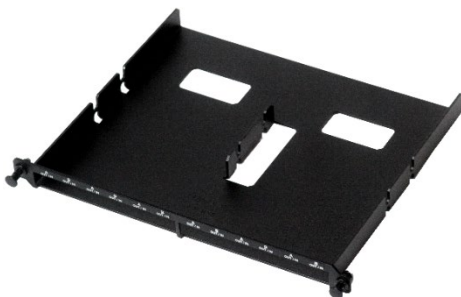
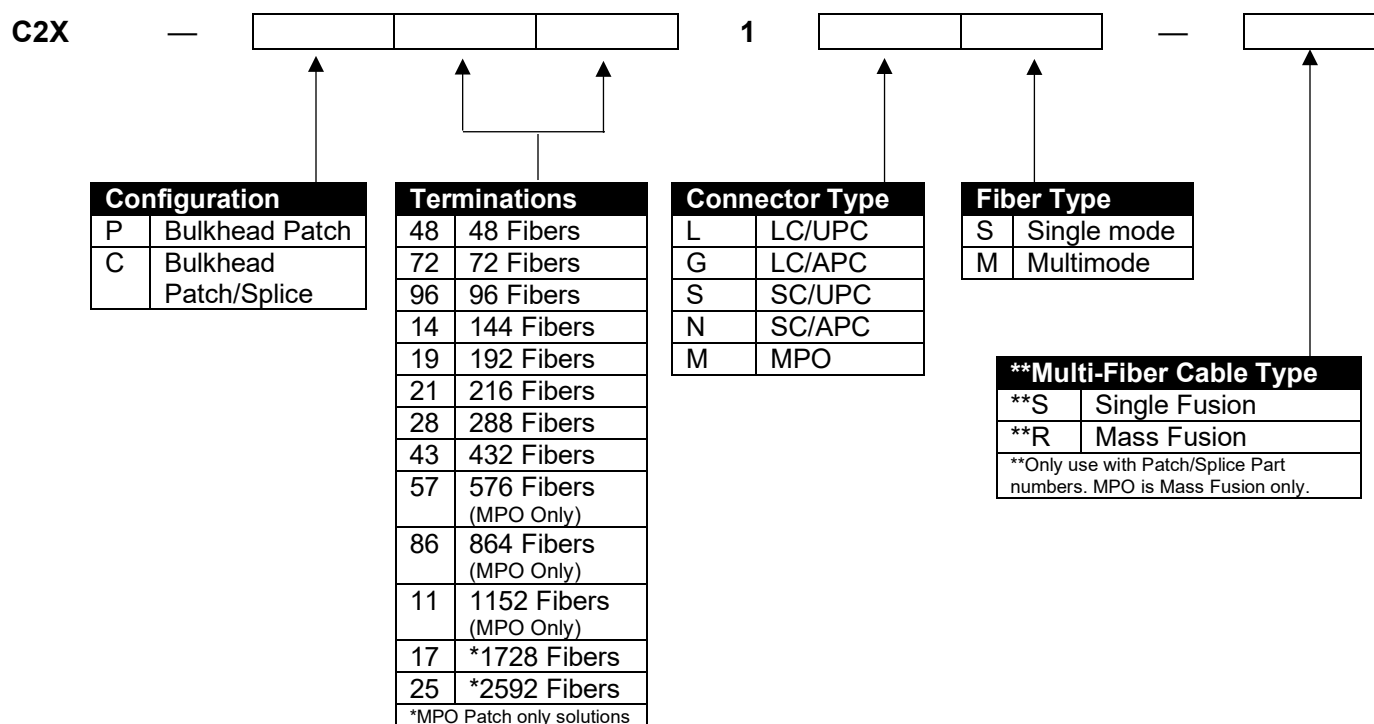


Fig. 4: Empty C2X tray, holds two modules



Fig. 5: Cable clamp

## C2X Bulkhead Configuration Matrix



Bulk Patch/Splice, Bulkhead Patch and Pre-Term Chassis Configurations (no trays)				
RUs	Max SC Fibers	Max LC Fibers	Max MPO Fiber Count – Patch Only	Max MPO Fiber Count – Patch/Splice
1	48	96	576	288
2	96	192	1152	576
3	144	288	1728	864
4	216	432	2592	1152



Fig. 6: C2X 1RU bulkhead chassis

### C2X Patch Part Number Examples

Part Number	Description
C2X-P191GS	C2X PATCH CHASSIS 2RU: 192F LC/APC, SINGLE MODE
C2X-P141SS	C2X PATCH CHASSIS 3RU: 144F SC/UPC, SINGLE MODE
C2X-P431LM	C2X PATCH CHASSIS 4RU: 432F LC/UPC, MULTIMODE

### C2X Patch & Splice Part Number Examples

Part Number	Description
C2X-C191LS-R	C2X PATCH SPLICE CHASSIS 2RU: 192F LC/UPC, SM MASS FUSION 3M BREAKOUT
C2X-C141SS-R	C2X PATCH SPLICE CHASSIS 3RU: 144F SC/UPC, SM MASS FUSION 3M BREAKOUT
C2X-C431LS-S	C2X PATCH SPLICE CHASSIS 4RU: 432F LC/UPC, SM SINGLE FUSION 3M BREAKOUT

## C2X Pre-Terminated Part Configurator

C2X — F — 1 — — — — —

Fiber Count	
96	96 Fibers
14	144 Fibers
28	288 Fibers
43	432 Fibers
11	*1152 Fibers
17	*1728 Fibers

\*MPO Only - For these configurations, please contact Inside Sales

Connector Type	
S	SC/UPC
N	SC/APC
L	LC/UPC
G	LC/APC
M	*MPO/MTP

\*All MPOs are Male

Cable Length	
010 - 990	

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

Length Unit	
M	Meter
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)	
F	Center-right mount/Internal clamping
G	Center-left mount/Internal clamping

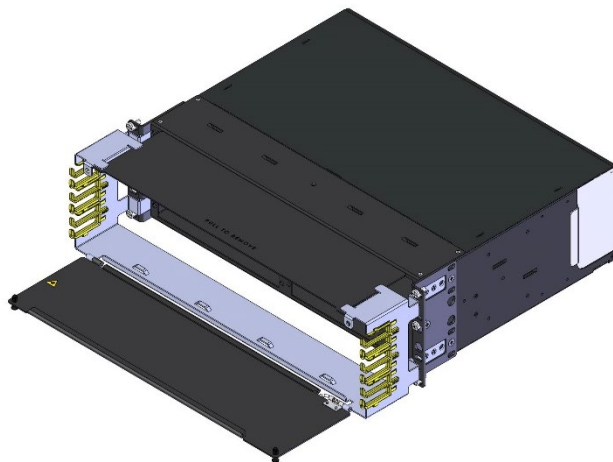


Fig.7: C2X Pre-terminated Chassis

## C2X Pre-Terminated Part Number Examples

Part Number	Description
C2X-F141L3F-020M	C2X PRE-TERM CHASSIS 2RU: 144F STRANDED MICRO DISTRIBUTION SM LC/UPC 20M STUB, CENTER-RIGHT MOUNT, INTERNAL CLAMPING
C2X-F141L3F-040M	C2X PRE-TERM CHASSIS 2RU: 144F STRANDED MICRO DISTRIBUTION SM LC/UPC 40M STUB, CENTER-RIGHT MOUNT, INTERNAL CLAMPING
C2X-F141L3F-060M	C2X PRE-TERM CHASSIS 2RU: 144F STRANDED MICRO DISTRIBUTION SM LC/UPC 60M STUB, CENTER-RIGHT MOUNT, INTERNAL CLAMPING
C2X-F281L3G-020M	C2X PRE-TERM CHASSIS 3RU: 288F STRANDED MICRO DISTRIBUTION SM LC/UPC 20M STUB, CENTER-LEFT MOUNT, INTERNAL CLAMPING
C2X-F281L3G-040M	C2X PRE-TERM CHASSIS 3RU: 288F STRANDED MICRO DISTRIBUTION SM LC/UPC 40M STUB, CENTER-LEFT MOUNT, INTERNAL CLAMPING
C2X-F281L3G-060M	C2X PRE-TERM CHASSIS 3RU: 288F STRANDED MICRO DISTRIBUTION SM LC/UPC 60M STUB, CENTER-LEFT MOUNT, INTERNAL CLAMPING
C2X-F961S2F-080M	C2X PRE-TERM CHASSIS 2RU:96F STRANDED PLENUM SM SC/UPC 80M STUB, CENTER-RIGHT MOUNT, INTERNAL CLAMPING
C2X-F281L3G-100F	C2X PRE-TERM CHASSIS 3RU:288F RIBBON SM LC/UPC 100F STUB, CENTER-LEFT MOUNT, INTERNAL CLAMPING
C2X-F281M3G-100F	C2X PRE-TERM CHASSIS 2RU:288F RIBBON SM MPO 100F STUB, CENTER-LEFT MOUNT, INTERNAL CLAMPING