

# **Centrix**<sup>™</sup> System

#### **Features and Benefits**

## Supports 4,320 LC or 2,880 SC ports per frame

Saves space through increased port density

#### Available with rear cable access

Fully tested and qualified GR-449-CORE, Issue 3 standards

#### Modular cassette design

Enables one platform for many application spaces e.g., central office, headend, FTTx, FTTCS, and data center

#### Increased jumper routing space

Supports standard 1.6 and 2.0 mm jumpers (1.6-in a 36 F cassette only)

#### Available in front cable access

Allows for back-to-back frame configuration

#### Available with WDM devices

Contact Customer Care to configure wavelength division multiplexing (WDM) devices

The Centrix™ system is a high-density fiber management system that provides a balance of industry-leading density with innovative jumper routing. The system can be deployed in multiple applications, including: central offices, headends, fiber to the x (FTTx), fiber to the tower cell site (FTTCS), and data centers.

The Centrix system supports up to 4,320 LC or 2,880 SC connector ports per standard 7-ft frame/2,134 mm. The frame design provides optimized routing paths for jumpers, reducing the risk of pileup or entanglement. A single jumper length for an in-frame, cross-connect network design reduces jumper inventory.

At the foundation of the Centrix system is a single, modular cassette that can be tailored to include a variety of optical devices (splitter, WDM, etc). The modular cassette provides flexibility and functionality within a single frame without sacrificing density. Each cassette contains up to either 24 SC or 36 LC connector adapters. Easy port access is possible due to a sliding cassette with a drop-down handle. A 1RU housing will hold 3 cassettes, a 2RU housing will hold 6 cassettes, and a 4RU will hold 12 cassettes. Housings can be ordered empty, loaded with cassettes for on-frame splicing, or as stubbed assemblies to reduce installation time and risk.

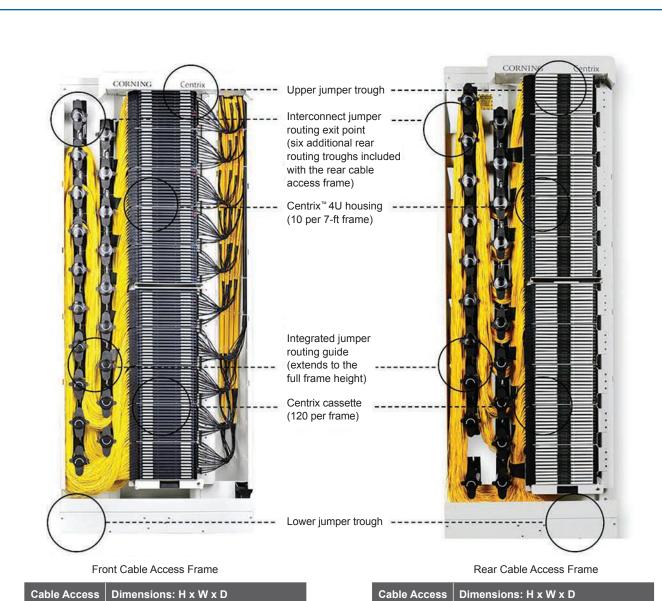
The Centrix system is available with both rear or front cable access. Front cable access allows back-to-back frame configurations or mounting against a wall. Both frame configurations save space through increased port density.

Housing Size	1RU	2RU	4RU
Maximum Density - LC	108 F	216 F	432 F
Maximum Density - SC	72 F	144 F	288 F
Cassette Capacity	3	6	12





Centrix CTX Housing Family



Rear

84 x 30 x 24 in (2134 x 762 x 610 mm)

Centrix Frame, Rear, and Front Cable Access | Photos CRR2014, CRR3616

84 x 35 x 12 in (2134 x 902 x 305 mm)

Front

# Frames, Housings, and Cassettes

Centrix<sup>™</sup> housings and cassettes are available in several configurations:

#### Frames:

- Rear cable access
- Front cable access

#### Housings:

- Empty
- Loaded with pigtailed cassettes
- Stubbed
- Enclosed

#### Cassettes:

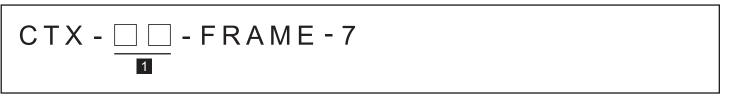
- · Loaded with adapters and pigtails
- · Loaded with patch panels
- Stubbed with 2 m MTP®
- · Loaded with MTP 12-fiber connectors
- Loaded with splitters
- Loaded with WDMs



Fiber Capacity					
Adapter Type	Terminations per Cassette	Terminations per 1RU	Housing Size 2RU	4RU	Terminations per Frame
SC	12, 24	36, 72	72, 144	144, 288	1,440 to 2,880
LC	24, 36	72, 108	144, 216	288, 432	2,880 to 4,320

## **Frames**

## **Ordering Information**



Select frame options.

SA = Centrix<sup>™</sup> standard frame, rear cable access, 7 ft

FA = Centrix frame, front cable access, 7 ft

# Frame Isolation Pads Ordering Information

1 Select frame isolation pads.

SA = Centrix standard frame isolation pad, rear cable access

FA = Centrix frame isolation pad, front cable access

## **Ordering Information**

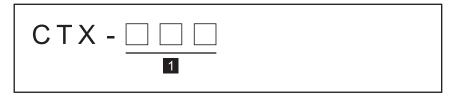
Part Number Example	
Part Number	Product Description
CTX-SA-FRAME-7	Centrix™ Standard Rear Cable Access Frame, 7 ft
CTX-SA-FRAME-6	Centrix Rear Cable Access Frame, 6 ft (70-in high)
CTX-FA-FRAME-7	Centrix Front Cable Access Frame, 7 ft

Note: Corning recommends using an isolation pad with all installations of Centrix frames.

## Empty Housings, Rack Mounting



# **Ordering Information**



1 Defines Centrix rack housings.

S1U = 1RU, 3 cassette housings, empty

S2U = 2RU, 6 cassette housings, empty

S4U = 4RU, 12 cassette housings, empty

E4U = 4RU, 12 cassette enclosed housings, empty



Part Number Example		
Part Number	Product Description	
CTX-S1U	Centrix™ Housing, 1U, 3 cassette positions, empty	
CTX-S2U	Centrix Housing, 2U, 6 cassette positions, empty	
CTX-S4U	Centrix Housing, 4U, 12 cassette positions, empty	
CTX-E4U	Centrix Enclosed Housing, 4U, 12 cassette positions, empty	

## Pigtail Cassettes for Splicing



## **Ordering Information**



- Defines cassette type.
  CP = Centrix™ cassette with ac
  - $\mathsf{CP} = \mathsf{Centrix}^{\mathsf{TM}} \text{ cassette with adapters} \\ \mathsf{and} \text{ pigtails}$
- 2 Select fiber count per cassette.
  - 12 = 12 fibers (SC)
  - 24 = 24 fibers (LC or SC)
  - 36 = 36 fibers (LC)
  - 3S = 36 fibers staggered (LC only)

- 3 Select adapter code.
  - Single-mode
  - 6C = SCAPC
  - 3C = SC UPC B3 = LC APC
  - A9 = LC UPC
  - Multimode:
  - AD = LC UPC OM4
  - AY = LC UPC OM5
- Defines pigtail type.
  2 = Standard pigtails

- 5 Defines fiber type.
  - R = Single-mode (OS2)
  - Q = Multimode (OM4)
  - V = Multimode (OM5)
- 6 Select pigtail type.
  - J = Ribbon
  - H = Single-fiber
- Defines optical devices.000 = No optical devices

Not all part number configurations are available, please confirm availability with a Corning Optical Connectivity Customer Care representative.

Part Number Example	
Part Number	Product Description
CTXCPP24-6C-2RH000	Centrix <sup>™</sup> Splice Cassette with 24 SC APC adapters and SM pigtails, MIC <sup>®</sup> 900 µm standard SM
CTXCPP24-3C-2RJ000	Centrix Splice Cassette with 24 SC UPC adapters and SM pigtails, ribbon standard SM pigtails
CTXCPP36-A9-2RJ000	Centrix Splice Cassette with 36 LC UPC adapters and SM pigtails, ribbon standard SM pigtails
CTXCPP36-B3-2RJ000	Centrix Splice Cassette with 36 LC APC adapters and SM pigtails, ribbon standard SM pigtails

## Centrix Housings loaded with Centrix splice cassettes, adapters, and pigtails



## **Ordering Information**



- Select Centrix<sup>™</sup> housing.
  - 1 = 1U, up to 3 cassette positions
  - 2 = 2U, up to 6 cassette positions
  - 4 = 4U, up to 12 cassette positions
- Select total fiber count. Select fiber count per options below.\*

#### Housing - Fiber count, 1RU

- 36 = 36, 12-fiber cassette
- 72 = 72, 24-fiber cassette
- A8 = 108, up to 12 cassette positions

#### Housing - Fiber count, 2RU

- 72 = 72, 12-fiber cassette
- E4 = 144, 24-fiber cassette
- M6 = 216, 36-fiber cassette

#### Housing - Fiber count, 4RU

- E4 = 144, 12-fiber cassette
- U8 = 288, 24-fiber cassette WW = 432, 36-fiber cassette

- Select fiber count per cassette.
  - 12 = 12 fibers (SC)
  - 24 = 24 fibers (LC or SC)
  - 36 = 36 fibers (LCs)
  - 3S = 36 fibers (Staggered LC)
- Select adapter code.

#### Single-mode:

- 6C = SC APC
- 3C = SC UPC
- B3 = LC APC
- A9 = LC UPC

- Defines pigtail length.
  - 2 = Standard pigtail
- Defines pigtail type.
  - R = Single-mode (OS2)
- Select pigtail type.
  - K = Splitter Cassettes
  - J = Ribbon
  - H = Single Fiber
- Defines Centrix splice housing. 000 = Standard

Not all part number configurations are available, please confirm availability with a Corning Optical Connectivity Customer Care representative.

<sup>\*</sup>Example configurations provided are for fully loaded pigtailed cassette housings; partially loaded pigtailed cassette housings are available and can be ordered by using a total fiber count value of: the number of cassettes multiplied by the fiber count of the cassette configuration requested. The number of cassettes available per housing must agree with selection [1] and the fiber count of the cassette must agree with selections [3] and [4].

Note 1: Cassettes are furnished with left side jumper routing guide and retainer clips, option 2G adds the right-side jumper routing guide and retainer for use in rack mounting applications, not applicable for CTX-SA and CTX-FA frames.

# Ordering Information

Part Number Example	
Part Number	Product Description
CX4U8P24-3C-2RJ000	Centrix <sup>™</sup> Splice Housing, 4U, 12 cassettes each with 24 SC UPC adapters and SM pigtails, ribbon standard SM pigtails, total of 288 F
CX4WWP36-A9-2RJ000	Centrix Splice Housing, 4U, 12 cassettes each with 36 LC UPC adapters and SM pigtails, ribbon standard SM pigtails, total of 432 F
CX172P24-3C-2RH000	Centrix Splice Housing, 1U, 3 cassettes each with 24 SC UPC adapters and SM pigtails, 900 $\mu m$ standard SM pigtails, total of 72 F

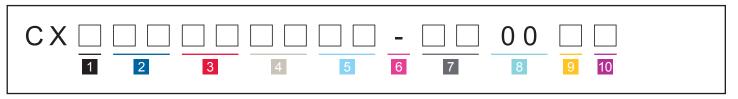
# Stubbed Housings





# Stubbed Housings

## **Ordering Information**



- 1 Select Centrix™ housing.
  - 1 = 1U, 3 cassette positions
  - 2 = 2U, 6 cassette positions
  - 4 = 4U, 12 cassette positions
  - 8 = 8U, 24 cassette positions
- Select total fiber count. Specify fiber count per table based on housing size.\*

#### Housing - Fiber count, 1RU

36 = 36, 12-fiber cassette

72 = 72, 24-fiber cassette

#### Housing - Fiber count, 2RU

72 = 72, 12-fiber cassette

E4 = 144, 24-fiber cassette

M6 = 216, 36-fiber cassette

#### Housing - Fiber count, 4RU

E4 = 144, 12-fiber cassette

U8 = 288, 24-fiber cassette

WW = 432, 36-fiber cassette

#### Housing - Fiber count, 8RU

AZ = 576, 24-fiber cassette

CE = 864, 36-fiber cassette

\*108 F not available.

- 3 Select stub length.
  - 16 = 16 m (50 ft)
  - 23 = 23 m (75 ft)
  - 31 = 31 m (100 ft)
  - 39 = 39 m (125 ft)
  - 54 = 54 m (175 ft)
  - 61 = 61 m (200 ft) 69 = 69 m (225 ft)
  - 84 = 84 m (275 ft)
  - 84 = 84 m (275 ft)92 = 92 m (300 ft)
  - C2 = 122 m (400 ft)
  - F3 = 153 m (500 ft)

- 4 Select fiber count per cassette.
  - 12 = 12 fibers (SC)
  - 24 = 24 fibers (LC or SC)
  - 36 = 36 fibers (LC)
  - 3S = 36 fibers (Staggered LC)
- 5 Select adapter code.

## Single-mode:

6C = SC APC

3C = SC UPC

B3 = LC APC

A9 = LC UPC

- 6 Defines fiber type.
  - = Single-mode (OS2)
- 7 Select cable type.
  - 81 = MIC Riser Unitized cable, buffered fibers, 900um TBII, up to 144F
  - M4 = MiniXtend LT Cable, Binderless FastAccess, gel-filled, SMF-28 Ultra fiber, Micro-Duct\*
  - U4 = ALTOS Dielectric "FastAccess" LT gel-free, outdoor, up to 288F
  - U7 = ALTOS Riser Dielectric LT gel-free up to 288f
  - UF = FREEDM LT Indoor/Outdoor, Riser, gel-free up to 288F
  - C4 = SST-Ribbon Dielectric, Single-Tube, gel-free up to 216F, Outside Plant
  - C7 = Ribbon Riser, Indoor, Water-Swellable tape, up to 216F
  - CF = FREEDM Ribbon Riser, Water-Swellable Tape, gel-filled up to 216F
  - V7 = UltraRibbon Indoor, Riser, gel-free, up to 864F
  - VF = FREEDM UltraRibbon, Indoor/outdoor, Riser, gel-free, 288 to 864F

\*M4 option currently only available as a 144-fiber cable

- Defines special configuration.00 = Standard
- 9 Select the number of cables.†
  - 1 = One cable (standard)
  - 2 = Two cables with full fiber count divided evenly
  - 3 = Three cables with 144 fibers each for 432 fibers stubbed assembly only
  - †Two cables only available for rear cable entry.
- Select cable entry direction. Standard
  Access Frame (rear):
  - B = Right, when viewed from the rear (standard)
  - C = Left, when viewed from the rear

#### Front Access Frame:

L = Left, when viewed from the front R = Right, when viewed from the front (standard)

Not all part number configurations are available, please confirm availability with a Corning Optical Connectivity Customer Care representative.

Part Number Example	
Part Number	Product Description
CX4U831243C-UF001B	Centrix™ Stubbed 4U Housing, 288 F using (12) 24 port SC UPC cassettes, SM, FREEDM® LT indoor/outdoor gel-free cable, 31 m stub
CX4U831246C-UF001B	Centrix Stubbed 4U Housing, 288 F using (12) 24 port SC APC cassettes, SM, FREEDM LT indoor/outdoor gel-free cable, 31 m stub
CX8CE6136B3-V7001B	Centrix Stubbed 8U Housing, 864 F using (24) 36 port LC APC cassettes, SM, SST-UltraRibbon™ riser gel-free cable, 61 m stub

A_	=	10_	U_	=	28_	AN	=	460	BG	=	640	Examples:
в_	=	11_	V_	=	29_	AP	=	470	BH	=	650	E4 = 144 fiber
C_	=	12_	W_	=	30_	AQ	=	480	BJ	=	660	A5 = 105 m
D_	=	13_	X_	=	31_	AR	=	490	BK	=	670	
E_	=	14_	Y_	=	32_	AS	=	500	BL	=	680	M6 = 216 m
F_	=	15_	Z_	=	33_	AT	=	510	BM	=	690	T9 = 279 m
G_	=	16_	AA	=	340	AU	=	520	BN	=	700	
Н_	=	17_	AB	=	350	AV	=	530	BP	=	710	Notes:
J _	=	18_	AC	=	360	AW	=	540	BQ	=	720	1) "I" and "O" are not
K_	=	19_	AD	=	370	AX	=	550	BR	=	730	used.
L_	=	20_	AE	=	380	AY	=	560	BS	=	740	2) Lengths from 100 to
M_	=	21_	AF	=	390	AZ	=	570	BT	=	750	339, use single lette
$N_{-}$	=	22_	AG	=	400	BA	=	580	BU	=	760	plus number (1 to 9)
P_	=	23_	AH	=	410	BB	=	590	BV	=	770	3) Lengths over 339 m
Q_	=	24_	AJ	=	420	BC	=	600	BW	=	780	can be ordered only
R_	=	25_	AK	=	430	BD	=	610	BX	=	790	in 10 m increments.
s_	=	26_ 27_	AL AM	=	440 450	BE BF	=	620 630	BY BZ	=	800 810	

### Centrix<sup>™</sup> Patch Cassette



MTP 144-fiber cassette, right front access



36-fiber LC UPC cassette with rear access



144-fiber LC UPC cassette with left front access

## **Ordering Information**

CTXCA

1 Select total fiber count.\*

12 = 12 fibers (SC)

24 = 24 fibers (LC or SC)

36 = 36 fibers (LC)

3S = 36 fibers (Staggered LC)

E4 = 144 fibers ( $MTP^{\otimes}$ )

\*Defined by cable access.

Select adapter code.

Single-mode:

6C = SC APC

3C = SC UPC

B3 = LC APC

A9 = LC UPC

90 = MTP

Select cable access type.

Rear Access†§

B = Rear access

Front Access‡§

L = Left front access

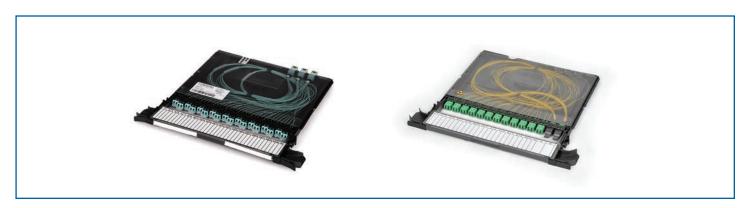
R = Right front access

†Rear Access will allow for a maximum of 24 SC or 36 LC.

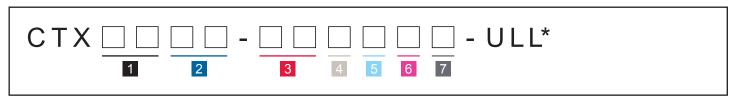
‡Front Access will allow for a maximum of 12 SC or 24 LC.

§Rear access and front access are MTP compatible.

## Module with Integrated MTP® Adapter



## **Ordering Information**



Select fiber count.

24 = 24 fibers (LC or SC)

36 = 36 fibers (LC)

3S = 36 fibers (Staggered LC)

Select adapter code.

Single-mode:

6C = SC APC

3C = SC UPC

B3 = LC APC

A9 = LC UPC

Multimode:

AD = LC duplex

Select predetermined MTP type.

#### Single-mode:

89 = Pinned 12 F

E7 = Pinned 8 F\*

E8 = MTP® 8 F (non-pinned) SM

#### Multimode:

93 = Pinned 12 F
\*Defined by cable access.

4 Select MTP quantity.

2 = Two for 24-fiber module

3 = Three for 36-fiber module

Select fiber type.

R = Single-mode (OS2)

T = 50 µm multimode (OM3)

Q = 50 µm multimode (OM4)

6 Select MTP access type.

#### Rear Access:

B = Rear access frame

#### Front Access:

L = Left MTP adapters

R = Right MTP adapters

7 Select polarity.R = Classic

R = Classic U = Universal

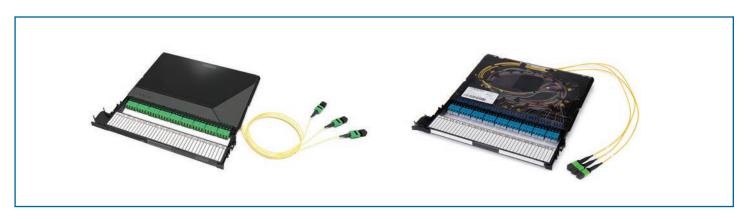
\*Note: This is an optional addition for ultra-low-loss modules only.

Not all part number configurations are available, please confirm availability with a Coming Optical Connectivity Customer Care representative.

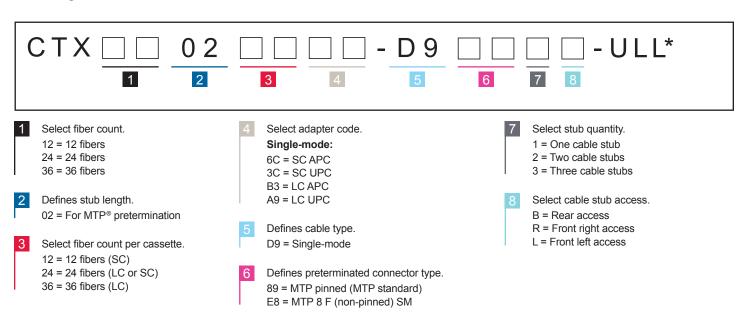
Part Number Example				
Part Number	Product Description			
CTX24A9-892RRR	CTX Module, 24 port, LC UPC front facings, pinned, 2 MPO adapters, SM, right side front facing MPO adapters, classic polarity			
CTX24A9-892RLR	CTX Module, 24 port, LC UPC front facings, pinned, 2 MPO adapters, SM, left side front facing MPO			
CTX24B3-892RRR	CTX Module, 24 port, LC APC front facings, pinned, 2 MPO adapters, SM, right side front facing MPO adapters, classic polarity			
CTX24B3-892RLR	CTX Module, 24 port, LC APC front facings, pinned, 2 MPO adapters, SM, left side front facing MPO			
CTX126C-891RRR	CTX Module, 12 port, SC APC front facings, pinned, 1 MPO adapter, SM, right side front facing MPO			
CTX126C-891RLR	CTX Module, 12 port, SC APC front facings, pinned, 1 MPO adapter, SM, left side front facing MPO			
CTX36A9-893RBR	CTX Module, 36 port, LC UPC front facings, pinned, 3 MPO adapters, SM, rear facing MPO adapters			

<sup>\*</sup>Note 2: When 36 LC front facing connectors are required, only rear facing MTPs are available (Option B in Selection Box 6)

## Stubbed Cassettes with MTP® Connector Option



## **Ordering Information**



<sup>\*</sup>Note: This is an optional addition for ultra-low-loss modules only.

Not all part number configurations are available, please confirm availability with a Corning Optical Connectivity Customer Care representative.

Part Number Example	
Part Number	Product Description
CTX2402246C-D9892B	Centrix™ Stubbed Cassette, 24 F, SC APC to 2 MTP®, SM, 12 F cable assembly, 2 m
CTX360236A9-D9893B	Centrix Stubbed Cassette, 36 F, LC UPC to 3 MTP, SM, 12 F cable assembly, 2 m
CTX240224B3-D9892B	Centrix Stubbed Cassette, 24 F, LC APC to 2 MTP, SM, 12 F cable assembly, 2 m
CTX240224A9-D9892B	Centrix Stubbed Cassette, 24 F, LC UPC to 2 MTP, SM, 12 F cable assembly, 2 m
CTX360236B3-D9893B	Centrix Stubbed Cassette, 36 F, LC APC to 3 MTP, SM, 12 F cable assembly, 2 m

## **Splitter Cassettes**



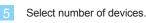
## **Ordering Information**



- Defines cassette type, adapters with splitter devices.
   CMA = Centrix cassette with
  - CMA = Centrix cassette with splitter devices
- 2 00 = Reference place holder

- 3 Select adapter code.
  - 6C = SC APC (24 F maximum)
  - B3 = LC APC (36 F maximum)
  - A9 = LC UPC (36 F maximum) 3C = SC UPC (24 F maximum)
- Defines device type.
  SP = Splitter

Not all part number configurations are available, please confirm availability with a Corning Optical Connectivity Customer Care representative.



6 Select split radio.

$$108 = 1x8$$

Defines jumper guide\*. 2G = Left and right

## **Ordering Information**

Section 7 is an optional addition.

Part Number Example	
Part Number	Product Description
CTXCMA00-B3-SP1132	Centrix™ Splitter Cassette, one 1x32 splitter, LC APC connectors
CTXCMA00-B3-SP1116	Centrix Splitter cassette, one 1x16 splitter, LC APC connectors
CTXCMA00-6C-SP1116	Centrix Splitter cassette, one 1x16 splitter, SC APC connectors

<sup>\*</sup>Cassettes are furnished with left side jumper routing guide and retainer clips, option 2G adds the right-side jumper routing guide and retainer for use in Rack mounting applications, not applicable for CTX-SA and CTX-FA frames.

## Accessories

Reference Standard Single Frame Cross-Connect Jumper Part Numbers				
Part Number	Product Description			
444401G3116004M	Jumper, single-mode, SC APC to SC APC, 4 m long, 1.6 mm outer diameter			
585801G3116004M	Jumper, single-mode, SC UPC to SC UPC, 4 m long, 1.6 mm outer diameter			
222201G3116004M	Jumper, single-mode, LC APC to LC APC, 4 m long, 1.6 mm outer diameter			
020201G3116004M	Jumper, single-mode, LC UPC to LC UPC, 4 m long, 1.6 mm outer diameter			
224401G3116004M	Jumper, single-mode, LC APC to SC APC, 4 m long, 1.6 mm outer diameter			

Corning recommends 1.6 mm jumpers for use in the Centrix $^{TM}$  solution. Full-size Centrix frames support 2,880 to 4,320 jumpers predicated on the connector selection. Other configurations are available, please consult your customer service representative or sales manager for more information.

Centrix <sup>™</sup> Housing Mounted Brackets			
Part Number	Product Description		
CTX-KIT-1RU-19CLP	Centrix Mounting Kit with Jumper Management Clips for S1U housing mounting within a 19-in rack		
CTX-KIT-1RU-23CLP	Centrix Mounting Kit with Jumper Management Clips for S1U housing mounting within a 23-in rack		
CTX-KIT-2RU-19CLP	Centrix Mounting Kit with Jumper Management Clips for S2U housing mounting within a 19-in rack		
CTX-KIT-2RU-23CLP	Centrix Mounting Kit with Jumper Management Clips for S2U housing mounting within a 23-in rack		
CTX-KIT-4RU-19CLP	Centrix Mounting Kit with Jumper Management Clips for S4U housing mounting within a 19-in rack		
CTX-KIT-4RU-23CLP	Centrix Mounting Kit with Jumper Management Clips for S4U housing mounting within a 23-in rack		
CTX-KIT-4RU-23HUB	Centrix Mounting Kit with Jumper Management Clips for S4U housing mounting within a 23-in rack		
CTX-KIT-8RU-19CLP	Centrix Mounting Kit with Jumper Management Clips for S8U housing mounting within a 19-in rack		
CTX-KIT-8RU-23CLP	Centrix Mounting Kit with Jumper Management Clips for S8U housing mounting within a 23-in rack		

Centrix Stubbed MTP® Accessories				
Part Number	Product Description			
CTX-KIT-F1U-7289	Centrix Front Access Frame, 1U, side-mounted MTP® adapter panel with 6 SM MTP adapters per panel (72 F)			
CTX-KIT-F1U-A889	Centrix Front Access Frame, 1U, side-mounted MTP adapter panel with 9 SM MTP adapters per panel (108 F)			
CTX-KIT-F2U-E489	Centrix Front Access Frame, 2U, side-mounted MTP adapter panel with 12 SM MTP adapters per panel (144 F)			
CTX-KIT-F2U-M689	Centrix Front Access Frame, 2U, side-mounted MTP adapter panel with 18 SM MTP adapters per panel (216 F)			
CTX-KIT-F4U-U889	Centrix Front Access Frame, 4U, side-mounted MTP adapter panel with 24 SM MTP adapters per panel (288 F)			
CTX-KIT-F4U-WW89	Centrix Front Access Frame, 4U, side-mounted MTP adapter panel with 36 SM MTP adapters per panel (432 F)			
CTX-KIT-S1U-7289	Centrix Front Access Frame, 1U, side-mounted MTP adapter panel with 6 SM MTP adapters per panel (72 F)			
CTX-KIT-S1U-A889	Centrix Front Access Frame, 1U, side-mounted MTP adapter panel with 9 SM MTP adapters per panel (108 F)			
CTX-KIT-S2U-E489	Centrix Front Access Frame, 2U, side-mounted MTP adapter panel with 12 SM MTP adapters per panel (144 F)			
CTX-KIT-S2U-M689	Centrix Front Access Frame, 2U, side-mounted MTP adapter panel with 18 SM MTP adapters per panel (216 F)			
CTX-KIT-S4U-U889	Centrix Front Access Frame, 4U, side-mounted MTP adapter panel with 24 SM MTP adapters per panel (288 F)			
CTX-KIT-S4U-WW89	Centrix Front Access Frame, 4U, side-mounted MTP adapter panel with 36 SM MTP adapters per panel (432 F)			

Centrix <sup>™</sup> Bracket Kits and Accessories				
Part Number	Product Description			
CTX-KIT-S4U-MTP-SR	Centrix Rear Access Frame, 4U, rear-mounted PNP trunk strain-relief bracket			
CTX-KIT-SR-SA	Centrix Housing Cable Strain-Relief Bracket Only			
CTX-KIT-SR-SA-UCC	Centrix Housing Cable Strain-Relief Kit with UCC clamp for rear cable access applications			
CTX-KIT-SR-FA-UCC	Centrix Housing Cable Strain-Relief Kit with UCC clamp for front cable access applications			
CTX-KIT-SR-CS	Buffer Tube and Ribbon Internal Cassette Transition Strain-Relief (12 per pack)			
CTX-KIT-RT-DH	Centrix Cassette Kit for right-hand jumper routing (12 per pack)			

Centrix Installation and Usage Accessories		
Part Number	Product Description	
CTX-WORKSHELF	Centrix Frame-Mounted Workshelf	
CTX-SERVICEBKT	Centrix Cassette Service Bracket	

Centrix Mounting Kits into the OCC Cabinets			
Part Number	Product Description		
CTX-KIT-S4U-OCC	Centrix Mounting Kit for S4U mounting within an OCC cabinet		
CTX-KIT-JRG-OCC	Centrix Jumper Routing Guide for use in OCC cabinets		
CTX-KIT-CTR80-OCC	Centrix Mounting Kit for center channel within an OCC-080 cabinet only		
CTX-24LABEL-288KIT	Centrix 288 F Label Kit (24 F cassettes only)		
CTX-LABEL-432KIT	Centrix 432 F Label Kit		
CTX-LABEL-864KIT	Centrix 864 F Label Kit		
CTX-LABEL-1728KIT	Centrix 1728 F Label Kit		
CTX-KIT-HUBLABELS	Color Coded Hub/Cassette Labels for Centrix frames		

#### Resources

Standard Recommended Procedures (SRPs)	Rear Cable Access	Front Cable Access
Centrix™ Frame Installation	003-950	003-950
Centrix Empty Housing Installation	003-948	003-948
Centrix Stubbed Housing Installation	003-951	03-951
Centrix Pigtailed Housing and Cassette Installation	003-949	003-949
Jumper Routing in Centrix Frame	003-960	003-960
Centrix Splitter/WDM Cassettes	003-959	003-959
Centrix Accessories	003-961	003-961
Centrix MTP® Stubbed Cassette Installation	003-1006	03-1006
Centrix Platform Housing and MTP Module Installation	003-1011	03-1011
Centrix IBU Installation – Centrix to EMF	003-969	_
Centrix Mounting Brackets into OCC-031 and OCC-051 Cabinets	003-988 (Ref Note #1)	_
Centrix Housing Mounted into 19-in/23-in Frames	003-1025	_
Centrix Patch Panel Installation	003-1017	003-1017
Centrix Mounting Brackets into the OCC-080-G Cabinet	003-1041 (Ref Note #1)	_
Centrix System Enclosed Housing for Rack Mounting Frames	003-1040	_
Centrix System Splice Through Cassette Installation	003-1050	_
OCC-080-G-CTX Cabinet Installation with Centrix Housings	003-1066	_

Note 1: To order an OCC cabinet which is already equipped with all of the Centrix mounting brackets, order part numbers:

OCC-031-G-CTX for pad mounting or OCC-031-CTX for pole or wall mounting (SRP # 003-375)

OCC-051-G-CTX for pad mounting or OCC-051-CTX for pole or wall mounting (SRP # 003-375)

OCC-080-G-CTX for pad mounting (SRP # 003-1066)

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