



DCX System

Optical Distribution Frame



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Find out more at
belden.com/dcx-system



Highest per-square-foot fiber density while maximizing signal integrity and usability



Emerging technology increases fiber connections

New technology like 5G and IoT, IP migration, the move to 4K content and the shift from 40G to 100G Ethernet and emerging 400G technologies are changing the landscape in data centers, broadcast environments and entertainment venues.

More fiber connections are needed to handle these unavoidable demands. To ensure uptime and efficient operation and maintenance, there's also an increasing need to effectively manage this growing number of fiber connections.

DCX Optical Distribution Frame

Handle high amounts of fiber connections and add density to fiber without compromising on ease of use with the new DCX Optical Distribution Frame. It optimizes the ROI of your fiber infrastructure, offering lower total cost of ownership in terms of capital and operating expenses.

What makes the DCX System innovative?

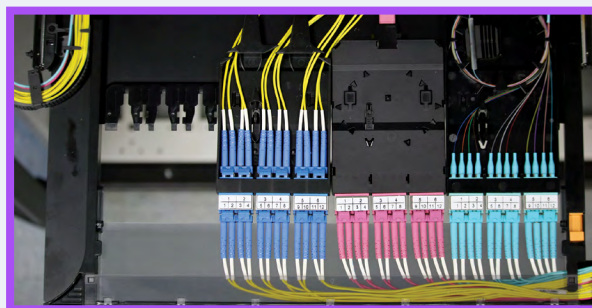
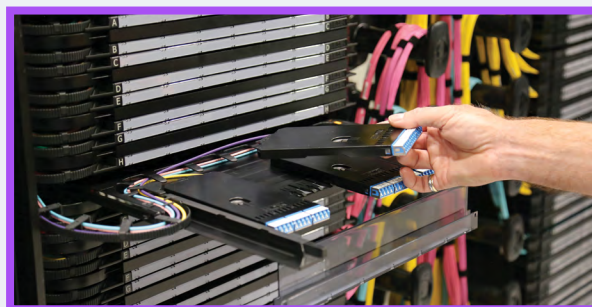
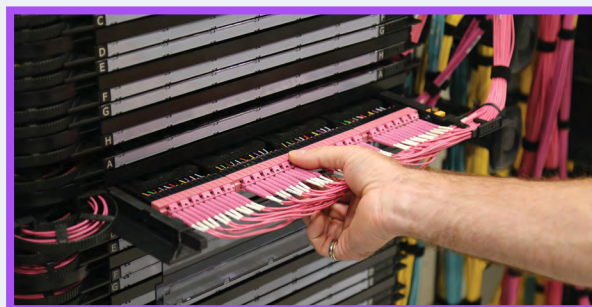
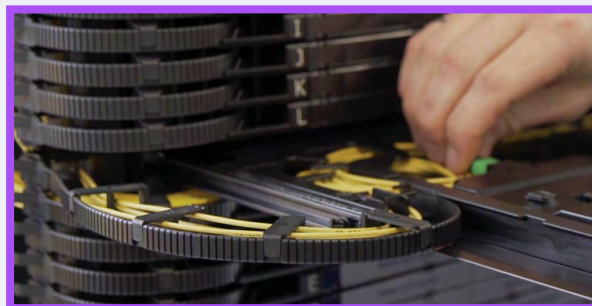
>>> Highest fiber termination density available in a small footprint, with 4,608 terminations per cabinet

>>> Maximum signal integrity through bend radius control for incoming and outgoing cables

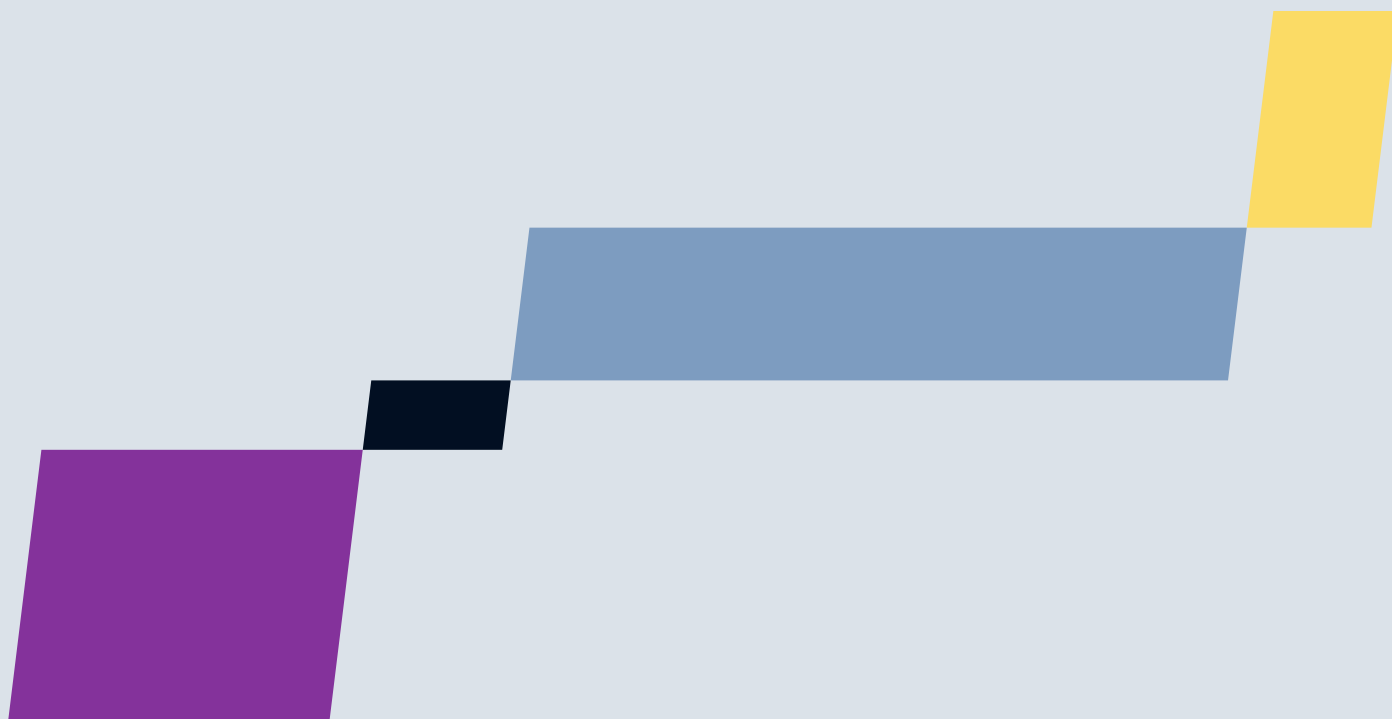
>>> Simple patch cord access via pull-out trays and clearance around connector

>>> Futureproof functionality, supporting migration from Base-12 to Base-8, Base-16 and Base-24 without infrastructure changes

>>> Flexibility of termination methods, including MPO trunk cables, multi-fiber trunk cables with LC connectors, fusion splicing with pigtails or splice-on connectors



DCX Systems



DCX Optical Distribution Frame Cabinets

DCX Cabinets are fully configurable, front-access cabinets that serve as the main building block for a large fiber cross connect or as a high-density fiber interconnect. They protect fiber connections with a lockable front door and side panels that can be unclipped from the inside. Assemble side by side and back to back for scalability.



DCX Cabinet Components and Accessories

Order as a basic cabinet frame and dress on-site with doors, sides and cable management accessories. Pre-configured cabinets can be upgraded with additional cable entry brackets, cable distribution brackets and patch cord spools as fiber terminations increase. A patch cord management storage module can be inserted between side-by-side assemblies to manage patch cords that run to other cabinets. In-cabinet channel kits can create horizontal patch cord management channels.

Unlimited scalability with modular frames that act as building blocks



Benefits

- Cable management accessories control bend radius of fiber cables and patch cords to protect signal integrity
- Place against a wall or in back-to-back arrangements to minimize use of floor space
- Simplify BOMs and save time during deployment with fully configured cabinets

Features

- Simple, easy-to-install accessories to dress incoming cables and patch cords
- Seismic frame made of 14 gauge steel meets Telcordia GR-63-CORE Zone 4 requirements
- Modular cabinets feature configurable item numbers

DCX Housings



DCX Housings

DCX Housings are available in left-to-right and right-to-left cable flow configurations for optimized management. The housings have a front-access design with 12 trays that pull out for easy access to cables connected to the back of adapter frames and cassettes. Modular cassettes can be mixed on the same tray (Base-8, Base-12, Base-16 or Base-24), enabling easy and cost-effective migration and preventing density loss.



Benefits

- Enhance signal integrity due to built-in cable bend radius control and strain relief
- Simplify management with full access around each connection for easy insertion and removal
- Reduce human error and connection issues with labeling space at the front and inside the patch cord cover for easy port reference

Features

- 4U housing with front-access design and capacity of 576 fiber terminations (using LC connectors)
- Built-in cable and patch cord management on every tray
- Articulated cable channels provide protection and bend radius control for fiber cables entering housings

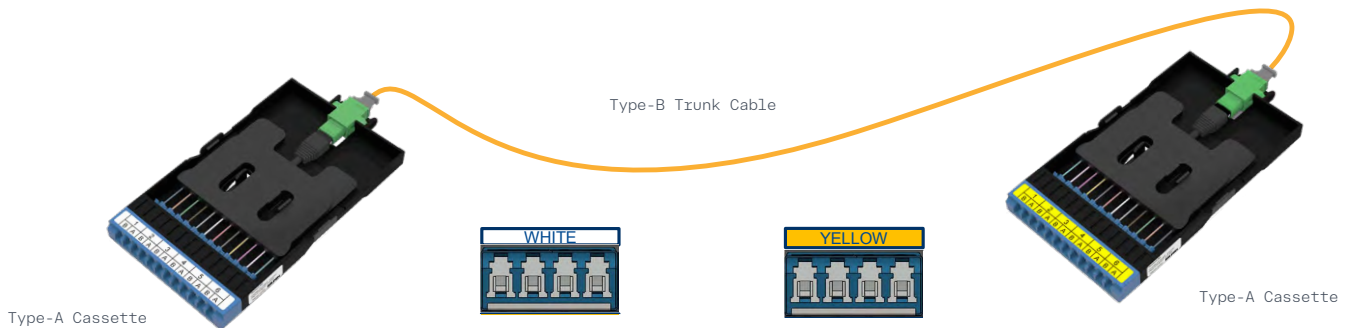
DCX Adapter Frames and Cassettes

DCX adapter frames and cassettes have a modular, compact design that allows for assembly of four (Base-12) or six (Base-8) cassettes per housing tray.



Easy and efficient fiber polarity management

- Symmetrical cassette design maintains sequential port numbering (flip it over)
- Same cassette on both ends simplifies planning



Benefits

- Optimize system density regardless of the termination method
- Lower network downtime for maintenance thanks to MPO cassette modularity; only 12 fibers are affected (as opposed to 24 or 36 fibers in other solutions)
- Flippable pre-terminated cassettes provide easy fiber polarity management and simplify system planning (only one part number)

Features

- Adapter frame available with LC, SC or MPO connector interface
- Pre-terminated cassettes available in four-port (Base-8) and six-port (Base-12)
- Splice cassettes available empty or preloaded with pigtails or splice holder and protectors

DCX Cabinets



DCXS11-22121-22 -
DCX Cabinet, Left-Right

Description	Maximum capacity		Belden part number
	DCX housings	LC Duplex ports (fibers)	
DCX Cabinet Seismic 84" x 36" x 15", Left-Right, White, Brush + 8 Top Cable Entry Brackets, Brush + 8 Bottom Cable Entry Brackets, Bifold Plexi Door, Solid Side Panel, Full Rear Panel, 8 Cable Distribution Brackets, 8 Patch Cord Spools	8	2304 (4608)	DCXS11-33121-22
DCX Cabinet Seismic 84" x 36" x 15", Left-Right, White, Brush + 8 Top Cable Entry Brackets, Brush + 8 Bottom Cable Entry Brackets, Bifold Plexi Door, No Side Panel, Full Rear Panel, 8 Cable Distribution Brackets, 8 Patch Cord Spools	8	2304 (4608)	DCXS11-33101-22
DCX Cabinet Seismic 84" x 36" x 15", Right-Left, White, Brush + 8 Top Cable Entry Brackets, Brush + 8 Bottom Cable Entry Brackets, Bifold Plexi Door, Solid Side Panel, Full Rear Panel, 8 Cable Distribution Brackets, 8 Patch Cord Spools	8	2304 (4608)	DCXS21-33121-22
DCX Cabinet Seismic 84" x 36" x 15", Right-Left, White, Brush + 8 Top Cable Entry Brackets, Brush + 8 Bottom Cable Entry Brackets, Bifold Plexi Door, No Side Panel, Full Rear Panel, 8 Cable Distribution Brackets, 8 Patch Cord Spools	8	2304 (4608)	DCXS21-33101-22
DCX Cabinet Seismic 84" x 36" x 15", Left-Right, White, No Top Panel, No Bottom Panel, No Doors, No Side Panel, No Rear Panel, No Cable Attachment, No Spools	8	2304 (4608)	DCXS11-00000-00
DCX Cabinet Seismic 84" x 36" x 15", Right-Left, White, No Top Panel, No Bottom Panel, No Doors, No Side Panel, No Rear Panel, No Cable Attachment, No Spools	8	2304 (4608)	DCXS11-00000-00

DCX Cabinets Accessories

Description	Belden part number
DCX Cable Attachment Bracket - Top (4 Brackets For 24 Cables) Central Office White	DCX-TOPE-KIT03W
DCX Bottom Panel Solid Central Office White	DCX-BOTE-KIT02W
DCX Cable Distribution Attachment Kit (1 Bracket W/(2) Plastic Holders Up To 24 LPM Transition Per Holder) Black	DCX-CABV-KIT01B
DCX Patch Cord Spool Kit (1 Telescopic Spool + Management Bar) Black	DCX-SPOO-KIT02B
DCX Horizontal In-Cabinet Channel Kit (One Patch Cord Tray) Central Office White	DCX-HINC-KIT01W
DCX Horizontal In-Cabinet Short Channel Kit (For End Cabinet) Central Office White	DCX-HINC-KIT02W
DCX Horizontal In-Cabinet Front-To-Back Patch Cord Bridge Black	DCX-HINB KIT01B
DCX Horizontal Rear Channel Kit (4 Patch Cord Trays) Left-Right Central Office White	DCX-HRRC-LR01W
DCX Horizontal Rear Channel Kit (4 Patch Cord Trays) Right-Left Central Office White	DCX-HRRC-RL01W
DCX Patch Cord Storage Module Central Office White W/Black Door W/ 15 Spools	DCX-PCST-MOD11W
DCX Patch Cord Spool Kit (1 Fixed Spool + Management Bar) Black	DCX-SPOO-KIT01B

DCX Cabinets SmartPart Configurator

	1. Choose Fiber Type	2. Choose Cable Flow	3. Choose Color	4. Choose Top Panel	5. Choose Bottom Panel	6. Choose Doors	7. Choose Side Panel	8. Choose Rear Panel	9. Choose Cable Attachment	10. Choose Spools
DCX	s	1	1	2	2	1	2	1	2	2
	Type	Cable Flow	Color*	Top Panel	Bottom Panel	Doors**	Side Panel	Rear Panel	Cable Attachment	Spools
S	Seismic 84x36x15	1 Left-Right 2 Right-Left	1 White 2 Black	0 None 1 Blank 2 Brush + 4 Top Cable Entry Brackets 3 Brush + 8 Top Cable Entry Brackets	0 None 1 Blank 2 Brush + 4 Top Cable Entry Brackets 3 Brush + 8 Top Cable Entry Brackets	0 None 1 Bifold-Plexi 2 Bifold-Perf 3 Bifold-Solid	0 None 1 Plexi 2 Solid	0 None 1 Full 2 Cable Management	0 None 1 4 Cable Distribution Brackets 2 8 Cable Distribution Brackets	0 None 1 4 Spools 2 8 Spools
*By default top, bottom, side, rear panels are powder coated to match frame color										
**By default door, cable distribution brackets, and reel rotal supports are black										

*By default top, bottom, side, rear panels are powder coated to match frame color

**By default door, cable distribution brackets and spool metal supports are black medium texture

Note: Standard white enclosures will have black doors/standard black enclosures will have black doors Consult factory for special color options and/or enclosure configurations

DCX housings

Description	Number of modules		Total LC Duplex ports	Belden part number
	Base-12	Base-8		
DCX Housing 4U, Left-Right Cable Flow, with 12 Trays, Trunk & Patch Cord Management	48	72	288	DCX-04FM-LR
DCX Housing 4U, Right-Left Cable Flow, with 12 Trays, Trunk & Patch Cord Management	48	72	288	DCX-04FM-RL

DCX Adapter Frames

Description	Belden part number			
Patch ports (fibers)	OM3 Aqua Adapters	OM4 Erika Violet Adapters	SM Blue Adapters	SM/APC Green Adapters
MPO Type-A (key-up/key-down)				
4 (48)	FF3D04MP	FF4D04MP	-	FFSD04MP
6 (72)	FF3D06MP	FF4D06MP	-	FFSD06MP
LC Duplex				
4 (8)	FF3D04LD	FF4D04LD	FFSD04LD	FFSD04LA
6 (12)	FF3D06LD	FF4D06LD	FFSD06LD	FFSD06LA
SC Duplex				
3 (6)	FF3D03SD	FF4D03SD	FFSD03SD	FFSD03SA



DCX-04FM-LR and DCX-04FM-RL

DCX Adapter Frames SmartPart Configurator

FF

1. Choose Fiber Type

3

2. Choose Product Family

D

3. Choose Port Count (Patch Side)

04

4. Choose Connector (Patch Side)

LD

Type

3 OM3

4 OM4

S OS2

Product Family

D DCX

Port Count (Patch Side)

04 4-Port

06 6-Port

Connector (Patch Side)

LD LC Duplex

LA LC/APC Duplex

SD SC Duplex

SA SC/APC Duplex

MP MPO Up/Down



FF4D04MP and FFSD06LD

DCX Pre-Terminated Cassettes



FCSD06LDMF and FC4D04LD4F

Description	Belden part number			
Patch ports (fibers)	OM3 Aqua Adapters	OM4 Erika Violet Adapters	SM Blue Adapters	SM/APC Green Adapters
LC Duplex to MPO-12 (12f) Female Type-A (Base-12)				
6 (72)	FC3D06LDMF	FC4D06LDMF	FCSD06LDMF	FCSD06LAMF
LC Duplex to MPO-12 (8f) Female SR4 (Base-8)				
4 (8)	FC3D04LD4F	FC4D04LD4F	FCSD04LD4F	FCSD04LA4F

DCX Pre-Terminated Cassettes *SmartPart* Configurator

1. Choose Fiber Type

2. Choose Product Family

3. Choose Port Count (Patch Side)

4. Choose Connector (Patch Side)

5. Choose Connector (Trunk Side)

FC

4

D

06

LD

MF

Fiber Type

Product Family

Port Count (Patch Side)

Connector (Patch Side)

Connector (Trunk Side)

3 OM3

4 OM4

S OS2

D DCX

04 4-port

06 6-port

LD LC Duplex

LA LC/APC Duplex

SD SC Duplex

SA SC/APC Duplex

MF MPO-12 (12f) Female

4F MPO-12 (8f) Female



FCSD06LAFP

DCX Splice Cassettes

Description	Belden part number			
Patch ports (fibers)	OM3 Aqua Adapters	OM4 Erika Violet Adapters	SM Blue Adapters	SM/APC Green Adapters
LC Duplex - Includes 250 µm pigtails, splice tray and heat shrink splice protector sleeves				
6 (12)	FC3D06LDFP	FC4D06LDFP	FCSD06LDFP	FCSD06LAFP
LC Duplex - Empty (pigtails, trays, protector sleeves sold separately)				
6 (12)	FC3D06LDFS	FC4D06LDFS	FCSD06LDFS	FCSD06LAFS

DCX Splice Cassettes *SmartPart* Configurator

1. Choose Fiber Type

2. Choose Product Family

3. Choose Port Count (Patch Side)

4. Choose Connector (Patch Side)

5. Choose Configuration

FC

S

D

06

LA

FP

Fiber Type

Product Family

Port Count (Patch Side)

Connector (Patch Side)

Configuration

3 OM3

4 OM4

S OS2

D DCX

06 6-port

LD LC Duplex

LA LC/APC Duplex

SD SC Duplex

SA SC/APC Duplex

FP Preloaded

FS Empty

Trunk Configurator Online Catalog

MPO Trunk

1. Choose Fiber Type		2. Choose Cable Type		3. Choose Connector 1		4. Choose Connector 2		5. Choose Length		6. Choose Polarity		7. Choose Fiber Count		8. Choose Fan-Out Geometry			
G-		4		L		MM		MM		005M		B		A		D	
Fiber		Type		Connector 1		Connector 2		Length (M)		Polarity		Fiber Count		Fan-Out Geometry			
3	OM3	L	Indoor LSZH double jacket	4M	Base8 (M)	4M	Base8 (M)	005M to 500M *use M as decimal up to 999M	A	Type-A	A	12 Fiber	D	0.5 m x In-line			
4	OM4			4F	Base8 (F)	4F	Base8 (F)		B	Type-B	C	24 Fiber	E	1.0 m x In-line			
S	OS2	C	Indoor LSZH Cca double jacket	MM	Base12 (M)	MM	Base12 (M)		C	Type-C	F	48 Fiber	F	1.5 m x In-line			
				MF	Base12 (F)	MF	Base12 (F)				I	72 Fiber	G	2.0 m x In-line			
											J	96 Fiber	1	0.5 m x Staggered 80 mm/1 conn.			
		I	I/O - All Dielectric								K	144 Fiber	2	0.5 m x Staggered 80 mm/2 conn.			
		O	Outdoor - All Dielectric											3	0.5 m x Staggered 80 mm/3 conn.		
		R	Outdoor - Armored											4	0.5 m x Staggered 80 mm/4 conn.		
															6	0.5 m x Staggered 80 mm/6 conn.	

Example: G-4LMMM005MBAD Double jacket trunk cable, Base12 MPO-MPO Male, 5 m, Polarity Type B, 12-fiber, 0.5 m in-line fan-out

Hydra Trunk

1. Choose Fiber Type		2. Choose Cable Type		3. Choose Connector 1		4. Choose Connector 2		5. Choose Length		6. Choose Polarity		7. Choose Fiber Count		8. Choose Fan-Out Geometry			
G-		4		L		MM		LD		005M		B		A		D	
Fiber		Type		Connector 1		Connector 2		Length (M)		Polarity		Fiber Count		Fan-Out Geometry			
3	OM3	L	Indoor LSZH double jacket	4M	Base8 (M)	LC	LC Simplex	005M to 500M *use M as decimal up to 999M	A	Type-A	A	12 Fiber	D	0.5 m x In-line			
4	OM4			4F	Base8 (F)	LD	LC Duplex		B	Type-B	C	24 Fiber	E	1.0 m x In-line			
S	OS2	C	Indoor LSZH Cca double jacket	MM	Base12 (M)	LA	LC/APC Simplex		C	Type-C	F	48 Fiber	F	1.5 m x In-line			
				MF	Base12 (F)	LB	LC/APC Duplex				I	72 Fiber	G	2.0 m x In-line			
						SC	SC Simplex				J	96 Fiber	1	0.5 m x Staggered 80 mm/1 conn.			
						SD	SC Duplex	K			144 Fiber	2	0.5 m x Staggered 80 mm/2 conn.				
		O	Outdoor - All Dielectric			SA	SC/APC Simplex						3	0.5 m x Staggered 80 mm/3 conn.			
		R	Outdoor - Armored			SB	SC/APC Duplex						4	0.5 m x Staggered 80 mm/4 conn.			
													6	0.5 m x Staggered 80 mm/6 conn.			

Multi Trunk

1. Choose Fiber Type		2. Choose Cable Type		3. Choose Connector 1		4. Choose Connector 2		5. Choose Length		6. Choose Polarity		7. Choose Fiber Count		8. Choose Fan-Out Geometry			
G-		4		L		LD		LD		005M		B		A		D	
Fiber		Type		Connector 1		Connector 2		Length (M)		Polarity		Fiber Count		Fan-Out Geometry			
3	OM3	L	Indoor LSZH double jacket	LC	LC Simplex	LC	LC Simplex	005M to 500M *use M as decimal up to 999M	A	Type-A	A	12 Fiber	D	0.5 m x In-line			
4	OM4		LD	LC Duplex	LD	LC Duplex	B			Type-B	C	24 Fiber	E	1.0 m x In-line			
S	OS2	C	Indoor LSZH Cca double jacket	LA	LC/APC Simplex	LA	LC/APC Simplex			C	Type-C	F	48 Fiber	F	1.5 m x In-line		
				LB	LC/APC Duplex	LB	LC/APC Duplex					I	72 Fiber	G	2.0 m x In-line		
		I	I/O - All Dielectric	SC	SC Simplex	SC	SC Simplex			J	96 Fiber	1	0.5 m x Staggered 80 mm/1 conn.				
O	Outdoor - All Dielectric	SD	SC Duplex	SD	SC Duplex	SA	SC/APC Simplex	SA	SC/APC Simplex	K	144 Fiber	2	0.5 m x Staggered 80 mm/2 conn.				
												3	0.5 m x Staggered 80 mm/3 conn.				
R	Outdoor - Armored	SB	SC/APC Duplex	SB	SC/APC Duplex	4	0.5 m x Staggered 80 mm/4 conn.										
								6	0.5 m x Staggered 80 mm/6 conn.								



Patch Cord Configurator Online Catalog

MPO Patch Cord

1. Choose Fiber Type	2. Choose Cable Type	3. Choose Connector 1	4. Choose Connector 2	5. Choose Length	6. Choose Polarity	7. Choose Fiber Count
GP-	4	MF	MF	003M	A	A
Fiber	Type	Connector 1	Connector 2	Length (M)	Polarity	Fiber Count
3 OM3	7 3 mm Round Cord	4M Base8 (M)	4M Base8 (M)	001M to 100M *use M as decimal up to 100M	A Type-A	A 12 Fiber
4 OM4		4F Base8 (F)	4F Base8 (F)		4 SR4	
S OS2		MM Base12 (M)	MM Base12 (M)			
		MF Base12 (F)	MF Base12 (F)			

Hydra Patch Cord

1. Choose Fiber Type	2. Choose Cable Type	3. Choose Connector 1	4. Choose Connector 2	5. Choose Length	6. Choose Polarity	7. Choose Fiber Count
GP-	4	MF	LD	003M	A	A
Fiber	Type	Connector 1	Connector 2	Length (M)	Polarity	Fiber Count
3 OM3	7 3 mm Round Cord	4M Base8 (M)	LC LC Simplex	001M to 100M *use M as decimal up to 100M	A Type-A	A 12 Fiber
4 OM4		4F Base8 (F)	LD LC Duplex		4 SR4	
S OS2		MM Base12 (M)	LA LC/APC Simplex			
		MF Base12 (F)	LB LC/APC Duplex			
			SC SC Simplex			
			SD SC Duplex			
			SA SC/APC Simplex			
			SB SC/APC Duplex			

Patch Cord

1. Choose Fiber Type	2. Choose Cable Type	3. Choose Connector 1	4. Choose Connector 2	5. Choose Length	6. Choose Polarity	7. Choose Fiber Count
GP-	4	LD	LD	003M	A	A
Fiber	Type	Connector 1	Connector 2	Length (M)	Polarity	Fiber Count
3 OM3	1 1.6 mm Duplex Zipcord	LC LC Simplex	LC LC Simplex	001M to 100M *use M as decimal up to 100M	X A/B	A 12 Fiber
4 OM4	2 2 mm Duplex Zipcord	LD LC Duplex	LD LC Duplex		S A/A	
S OS2	3 3 mm Duplex Zipcord	LA LC/APC Simplex	LA LC/APC Simplex			
	4 2 mm Simplex Cord	LB LC/APC Duplex	LB LC/APC Duplex			
	5 3 mm Simplex Cord	SC SC Simplex	SC SC Simplex			
	6 1.6 mm Simplex Cord	SD SC Duplex	SD SC Duplex			
		SA SC/APC Simplex	SA SC/APC Simplex			
		SB SC/APC Duplex	SB SC/APC Duplex			

Pigtail Configurator Online Catalog

Pigtail

1. Choose
Fiber Type

2. Choose
Cable Type

3. Choose
Connector

4. Choose
Length

5. Choose
Packaging

GT-

4

9

LC

003M

B12

Fiber	Type	Connector	Length (M)	Packaging				
3	OM3	9	900 µm buffered	LC	LC Simplex	001M to 100M *use M as decimal up to 100M	B12	12-fiber White-color pack (900 µm only)
4	OM4	2	2 mm Duplex Zipcord	LD	LC Duplex		R12	12-fiber Color-coded pack (900 µm only)
S	OS2	4	2 mm Simplex Cord	LA	LC/APC Simplex		S1	1-fiber Single pack
		LB	LC/APC Duplex					
		SC	SC Simplex					
		SD	SC Duplex					
		SA	SC/APC Simplex					
		SB	SC/APC Duplex					

Highest per-square-foot fiber density while maximizing signal integrity and usability

Find out more at [belden.com](https://www.belden.com)



FiberExpress MPO Trunks (Base-12, Base-8) SmartPart Configurator

1. Choose Fiber Type	2. Choose Connector	3. Choose Gender	4. Choose Polarity	5. Choose Connector Count	6. Choose Length	7. Choose Fire Rating	8. Choose Cable Construct	9. Choose Fan Out	10. Choose Jacket Color	
FM	4	M	M	B	4	010M	P	U	E	E
Type	Connectors*	Connector Gender	Polarity (outside)	Connector Count	Length (M)	Fire Rating	Cable Construct	Fan Out	Jacket Color	
3 OM3	Base-12	M Male	Type-A (Straight Polarity)	Base-12	005M to 500M M Meters *use M as decimal	P Plenum	U µMini-D	E 1.0 m x In-Line	O Orange	
4 OM4	M MPO-12 (12f)	F Female	Type-B (Reversed Polarity)	1 12 Fibers		I I/O Plenum	M Mini-D		N Black	
S OS2	Base-8			2 24 Fibers		Plenum Armored (AIA)			Y Yellow	
	4 MPO-12 (8f)			4 48 Fibers					A Aqua	
				8 96 Fibers					E Erika Violet	
				D 144 Fibers						
				Base-8						
				1 8 Fibers						
				3 24 Fibers						
				6 48 Fibers						
				D 96 Fibers						

*If selecting Base-12 Connectors, choose from Base-12 Connector Count.
If selecting Base-8 Connectors, choose from Base-8 Connector Count.

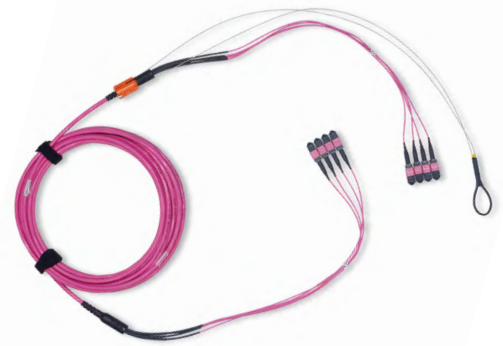
Example:

FM3MMB4050MPUEA
FX MPO Trunk, OM3, MPO-12 (Male to Male), Type-B, 4 MPO (48 Fibers), 50 m, OFNP, Mini-distribution (2.0 mm Sub-units), Fan-out:1.0 m x In-line, Aqua Jacket

FM44MB3050MPUEE
FX MPO Trunk, OM4, MPO-12 Base-8 (Male to Male), Type-B, 3 MPO (24 Fibers), 50 m, OFNP, Mini-distribution (2.0 mm Sub-units), Fan-out: 1.0 m x In-line, Erika Violet Jacket

FMSMMB8050MPUEY
FX MPO Trunk, OS2, MPO-12 (Male to Male), Type-B, 8 MPO (96 Fibers), 50 m, OFNP, Mini-distribution (2.0 mm Sub-units), Fan-out: 1.0 m x In-line, Yellow Jacket

FM44MBD050MPUEY
FX MPO Trunk, OM4, MPO-12 Base-8 (Male to Male), Type-B, 12 MPO (96 Fibers), 50 m, OFNP, Mini-distribution (2.0 mm Sub-units), Fan-out: 1.0 m x In-line, Yellow Jacket



FiberExpress Multi-Fiber Trunks SmartPart Configurator

1. Choose Fiber Type	2. Choose Fiber Count	3. Choose Connector 1	4. Choose Cable Construction 1	5. Choose Connector 2	6. Choose Cable Construction 2	7. Choose Fire Rating	8. Choose Length
A	4	LD	7	LD	7	P	030M
Type	Type	Connector 1	Cable Construction 1	Connector 2	Cable Construction 2	Fire Rating	Length (M)
3 OM3	08 8 Fibers	LD LC Duplex	7 Jacketed 1.6 mm x 1.0 m x In-Line	LD LC Duplex	7 Jacketed 1.6 mm x 1.0 m x In-Line	P Plenum	005M to 500M M Meters *use M as decimal
4 OM4	12 12 Fibers	LA LC/APC Duplex		LA LC/APC Duplex		I I/O Plenum	
S OS2	24 24 Fibers	SD SC Duplex		SD SC Duplex		Plenum Armored (AIA)	
	48 48 Fibers	SA SC/APC Duplex		SA SC/APC Duplex			
	96 96 Fibers						
	144 144 Fibers						

Example:

A448LD7LD7P050M
FX Multi-Fiber Trunk, OM4, 48 Fibers, LC Duplex (Jacketed 1.6 mm x 1.0 m) - LC Duplex (Jacketed 1.6 mm x 1.0 m), OFNP, 50 m, Erika Violet Jacket

A396LD7LD7P050M
FX Multi-Fiber Trunk, OM3, 96 Fibers, LC Duplex (Jacketed 1.6 mm x 1.0 m) - LC Duplex (Jacketed 1.6 mm x 1.0 m), OFNP, 50 m, Aqua Jacket

AS96LD7LD7P050M
FX Multi-Fiber Trunk, OS2, 96 Fibers, LC Duplex (Jacketed 1.6 mm x 1.0 m) - MPO-12 (M) (Jacketed 1.6 mm x 1.0 m), OFNP, 50 m, Yellow Jacket



FiberExpress Patch Cords SmartPart Configurator

FX Patch Cord	1. Choose Fiber Type	2. Choose Connector 1	3. Choose Connector 2	4. Choose Length*	5. Choose Fire Rating	6. Choose Cable Construction	7. Choose Polarity	8. Choose Jacket Color		
FP	3	LD	LD	03M5	R	1	X	A		
Type		Connector 1		Connector 2	Length*	Fire Rating	Cable Construction	Polarity	Jacket Color	
3	OM3	LD	LC Duplex	LD	LC Duplex	R Riser P Plenum	9	Simplex Cord 1.6 mm	X A/B (Cross)	Y Yellow
4	OM4	LC	LC Simplex	LC	LC Simplex		1	Duplex Zipcord 1.6 mm	S A/A (Straight)	A Aqua
S	OS2	LA	LC/APC Duplex	LA	LC/APC Duplex	6	Round 2.0 mm	A	Type-A	E Erika Violet
		LB	LC/APC Simplex	LB	LC/APC Simplex			B	Type-B	
		SD	SC Duplex	SD	SC Duplex					
		SC	SC Simplex	SC	SC Simplex					
		SA	SC/APC Duplex	SA	SC/APC Duplex					
		SB	SC/APC Simplex	SB	SC/APC Simplex					
		4F	MPO-12 (F) Base-8	4F	MPO-12 (F) Base-8					
		MF	MPO-12 (F) Base-12	MF	MPO-12 (F) Base-12					

Example:

FPSLDD03M5R1XY
 FX Patch Cord, OS2, LC Duplex - LC Duplex, 3.5 m, OFNR, Duplex Zip 1.6 mm, A-To-B, Yellow Jacket
 FPSLBD03M5R9SY
 FX Patch Cord, OS2, LC Simplex/APC - LC Simplex/APC, 3.5 m, OFNR, Simplex 1.6 mm, A-To-A, Yellow Jacket
 FP44F4F15M5P6BE
 FX Patch Cord, OM4, MPO-12 Base-8 (F) - MPO-12 Base-8 (F), 15.5 m, OFNP, Round 2.0 mm, Type-B, Erika Violet Jacket
 FP3LDD03M5R1XA
 FX Patch Cord, OM3, LC Duplex - LC Duplex, 3.5 m, OFNR, Duplex Zip 1.6 mm, A-To-B, Aqua Jacket



FiberExpress Flexible Ribbon Cables SmartPart Configurator

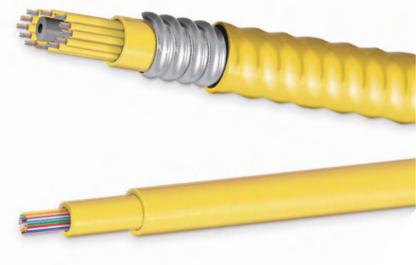
1. Choose FX Fiber Cable	2. Choose Fiber Type	3. Choose Family	4. Choose Fiber Count	5. Choose Fire Rating	6. Choose Subunit Type/Configuration
F1	S	R	144	P	2
FX Fiber Cable	Type	Family	Fiber Count	Connector Count	Subunit Type
FI Indoor Cable	4 OM4	R Flexible Ribbon Cable	012 12 Fibers	Plenum Group	0 250 µm, Non-Unitized
FD Indoor/Outdoor Cable	S OS2		024 24 Fibers	P Plenum (OFNP)	2 3 mm x 12F
			036 36 Fibers	A Plenum Interlocked Aluminum Armor (OFCP)	5 3 mm x 24F
			048 48 Fibers	Riser Group	Y 4.5 mm x 72F
			064 64 Fibers	R Riser (OFNR)	Z 7.0 mm x 144F
			072 72 Fibers	F Riser Interlocked Aluminum Armor (OFCR)	
			096 96 Fibers	LSZH/Riser Group	
			144 144 Fibers	L LSZH/Riser (OFNR)	
			288 288 Fibers	C LSZH/Riser Interlocked Aluminum Armor (OFCR)	
			576 576 Fibers		
			864 864 Fibers		

Notes:

- Plenum rating cable is only available in indoor cable 12-288f
- Riser/LSZH rating cable is only available in indoor cable 12-288f, Fiber count above 288f is only available in riser rating
- Indoor/outdoor cable is only available in riser rating 12-288f

Example:

FISR024P0 - FX Indoor Flexible Ribbon OS2, 24 Fibers OFNP Double Jacket (Non-unitized)
 FISR288P5 - FX Indoor Flexible Ribbon OS2, 288 Fibers OFNP Subunits 3.0 mm (24F)
 FISR144L2 - FX Indoor Flexible Ribbon OS2, 144 Fibers LSZH/OFNR Subunits 3.0 mm (12F)
 FISR576RZ - FX Indoor Flexible Ribbon OS2, 576 Fibers OFNR Subunits 7.0 mm (144F)
 FDSR072R2 - FX Indoor/Outdoor Flexible Ribbon OS2, 72 Fibers OFNR Subunits 3.0 mm (12F)



Connect to what's possible.



About Belden

Belden Inc. delivers complete connection solutions that unlock untold possibilities for our customers, their customers and the world. We advance ideas and technologies that enable a safer, smarter and more prosperous future. Throughout our 120+ year history we have evolved as a company, but our purpose remains – making connections. By connecting people, information and ideas, we make it possible. We are headquartered in St. Louis and have manufacturing capabilities in North America, Europe, Asia and Africa.

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