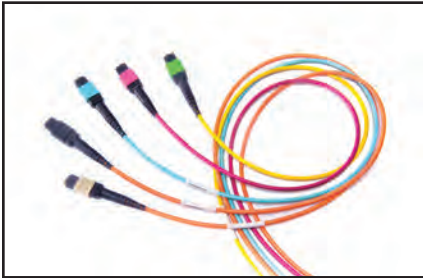
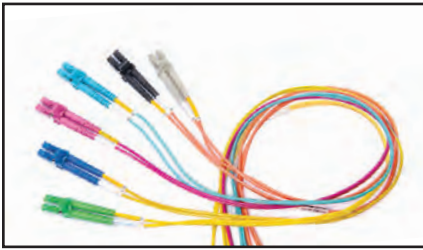


FiberExpress Pre-Terminated Assemblies FX Patch Cords



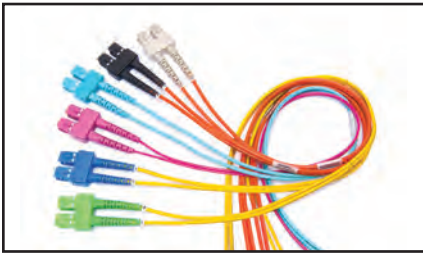
FX MPO-12(f) Patch Cords, Assortment



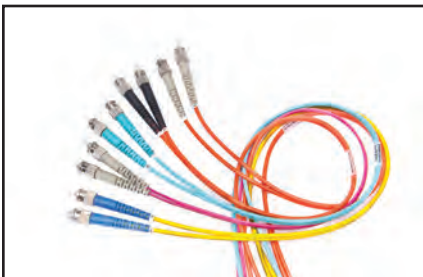
FX LC Duplex Patch Cords, Assortment



FX LC Duplex UHD Uniboot Patch Cords, Assortment



FX SC Duplex Patch Cords, Assortment



FX ST Patch Cords, Assortment

Uncomplicated, robust, versatile and conveniently available. Superior quality and performance FX patch cords deliver a robust design to withstand the rigours of daily use in both off-the-shelf standard configurations and rapid custom tailored installations.

FASTER

- Faster delivery with off-the shelf availability of standard items
- Faster identification of fiber type with Erika Violet for OM4 cable and connectors

EASIER

- Easier installation in dense cable trays with small diameter cord options
- Easier ordering with simple intelligent *SmartPart* Numbers
- Easier polarity management with industry leading easy-to-use duplex clips

BETTER

- Better architectural flexibility with low-loss OM4 0.2 dB MPO and 0.15 dB LC connectors
- Better ruggedization with larger diameter cord options
- Better flexibility with multiple connector options including LC, SC, ST and MPO
- Better quality through exhaustive design validation against TIA standards

FX Patch Cords - Standard Performance

Description	FX OM1	FX OM3	FX OM4	FX SM	FX SM/APC
Cable Performance - LC/SC/ST					
IL Max. 850 nm/1300 nm (dB/Km)	3.5/1.2	3.25/1.2	3.0/1.2	-	
IL Max. 1310 nm/1550 nm (dB/Km)	-	-	-	0.5/0.5	
Fire Rating	LC/SC/ST: Riser				
Cable Style	LC: Interconnect Duplex Zip 2 mm LC Uniboot: Interconnect Mini-Round 2 mm SC/ST/Hybrid: Interconnect Duplex Zip 3 mm				
Connector Performance - LC/SC/ST					
IL Max. (dB)	0.25	0.25	0.15	0.35	0.35
Polish - RL Typ. (dB)	PC - 30	PC - 30	PC - 30	UPC - 55	APC - 65
Polarity	A-T0-B / B-T0-A				
Cable Performance - MPO					
IL Max. 850 nm/1300 nm (dB/Km)	3.5/1.2	3.25/1.0	3.0/1.0	-	
IL Max. 1310 nm/1550 nm (dB/Km)	-	-	-	0.5/0.5	
Fire Rating	Plenum				
Cable Style	MPO-12: Interconnect Mini-Round 2 mm				
Connector Performance - MPO					
IL Max. (dB)	0.5	0.35	0.2	-	0.75
Polish - RL Typ. (dB)	PC - 30	PC - 30	PC - 30	-	APC - 60
Polarity	Type-B				

FX Accessory Duplex Clips

Description	Belden Part Number				
	OM1 Beige	OM3 Aqua	OM4 Erika Violet	OS2 Blue	OS2 Green
LC Duplex	FXFACLLDB25T	FXFACLLDB25A	FXFACLLDB25E	FXFACLLDB25B	FXFACLLDB25G
Mini-LC Duplex	FXFACLLMB25N (Black)				

Faster.
Easier.
Better.



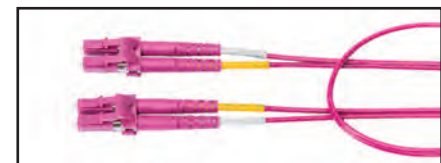
FiberExpress Pre-Terminated Assemblies (continued) FX Patch Cords

Standard FX Patch Cords

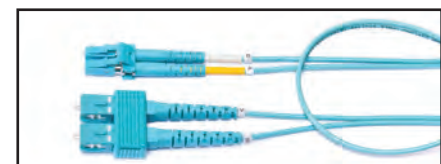
Length (m)	OM1 Beige/Orange	OM3 Aqua	OM4 Erika Violet	OS2 Blue/Yellow	OS2/APC Green/Yellow
MPO-12(8f) Female to MPO-12(8f) Female - Base8					
2	-	FP34F4F002M	FP44F4F002M	-	FPS4F4F002M
3	-	FP34F4F003M	FP44F4F003M	-	FPS4F4F003M
5	-	FP34F4F005M	FP44F4F005M	-	FPS4F4F005M
MPO-12(12f) Female to MPO-12(12f) Female - Base12					
2	-	FP3MFMF002M	FP4MFMF002M	-	FPSMFMF002M
3	-	FP3MFMF003M	FP4MFMF003M	-	FPSMFMF003M
5	-	FP3MFMF005M	FP4MFMF005M	-	FPSMFMF005M
MPO-24 Female to MPO-24 Female					
2	-	FP3NFMF002M	FP4NFMF002M	-	FPSNFMF002M
3	-	FP3NFMF003M	FP4NFMF003M	-	FPSNFMF003M
5	-	FP3NFMF005M	FP4NFMF005M	-	FPSNFMF005M
LC Duplex UHD Uniboot to LC Duplex UHD Uniboot					
2	-	FP3LULU002M	FP4LULU002M	FPSLULU002M	-
3	-	FP3LULU003M	FP4LULU003M	FPSLULU003M	-
5	-	FP3LULU005M	FP4LULU005M	FPSLULU005M	-
LC Duplex to LC Duplex					
2	FP1LDLD002M	FP3LDLD002M	FP4LDLD002M	FPSLDLD002M	FPSLALA002M
3	FP1LDLD003M	FP3LDLD003M	FP4LDLD003M	FPSLDLD003M	FPSLALA003M
5	FP1LDLD005M	FP3LDLD005M	FP4LDLD005M	FPSLDLD005M	FPSLALA005M
SC Duplex to SC Duplex					
2	FP1SDSD002M	FP3SDSD002M	FP4SDSD002M	FPSSDSD002M	FPSASA002M
3	FP1SDSD003M	FP3SDSD003M	FP4SDSD003M	FPSSDSD003M	FPSASA003M
5	FP1SDSD005M	FP3SDSD005M	FP4SDSD005M	FPSSDSD005M	FPSASA005M
ST to ST (Duplex Cord)					
2	FP1STST002M	FP3STST002M	FP4STST002M	FPSSTST002M	-
3	FP1STST003M	FP3STST003M	FP4STST003M	FPSSTST003M	-
5	FP1STST005M	FP3STST005M	FP4STST005M	FPSSTST005M	-
Hybrid: LC Duplex to SC Duplex					
2	FP1LDSD002M	FP3LDSD002M	FP4LDSD002M	FPSLDSD002M	FPSLASA002M
3	FP1LDSD003M	FP3LDSD003M	FP4LDSD003M	FPSLDSD003M	FPSLASA003M
5	FP1LDSD005M	FP3LDSD005M	FP4LDSD005M	FPSLDSD005M	FPSLASA005M
Hybrid: SC Duplex to ST					
2	FP1LDST002M	FP3LDST002M	-	FPSLDST002M	-
3	FP1LDST003M	FP3LDST003M	-	FPSLDST003M	-
5	FP1LDST005M	FP3LDST005M	-	FPSLDST005M	-
LC Simplex UHD to LC Simplex UHD, Simplex cord					
2	-	-	-	FPSLILU002M	FPSLFLF002M
3	-	-	-	FPSLILU003M	FPSLFLF003M
5	-	-	-	FPSLILU005M	FPSLFLF005M



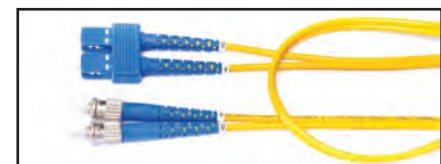
FP4LULU003M, LC Duplex UHD Uniboot to LC Duplex UHD Uniboot, OM4 Erika Violet



FP4LDLD003M, LC Duplex to LC Duplex, Duplex Zip Cord, OM4 Erika Violet



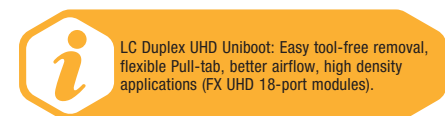
FP3LSDSD003M, Hybrid LC Duplex to SC Duplex, OM3 Aqua



FPSSDST003M, Hybrid SC Duplex to ST, OS2 Blue



FPSLILU005M, LC Simplex UHD to LC Simplex UHD, OS2 Yellow



LC Duplex UHD Uniboot: Easy tool-free removal, flexible Pull-tab, better airflow, high density applications (FX UHD 18-port modules).

FiberExpress Pre-Terminated Assemblies (continued) FX Patch Cords

Standard FX Patch Cords

FX Patch Cord: **FP**

1. Choose Fiber Type: **3**

2. Choose Connector 1: **LD**

3. Choose Connector 2: **LD**

4. Choose Length*: **003M**

Fiber Type	Connector 1	Connector 2	Length*
1 OM1	LD LC Duplex	LD LC Duplex	00M3 to 015M *use M as decimal
3 OM3	LC LC/APC Duplex	LA LC/APC Duplex	
4 OM4	LH LC Duplex UHD	LH LC Duplex UHD	
S OS2	LI LC Duplex UHD	LI LC Simplex UHD	
	LU LC Duplex UHD Uniboot	LU LC Duplex UHD Uniboot	
	LE LC/APC Duplex UHD	LE LC/APC Duplex UHD	
	LF LC/APC Simplex UHD	LF LC/APC Simplex UHD	
	SD SC Duplex	SD SC Duplex	
	SA SC/APC Duplex	SA SC/APC Duplex	
	ST ST	ST ST	
	4F MPO-12 (F) Base 8	4F MPO-12 (F) Base 8	
	MF MPO-12 (F)	MF MPO-12 (F)	
	NF MPO-24 (f)	NF MPO-24 (f)	

Tailored FX Patch Cords

FX Patch Cord: **FP**

1. Choose Fiber Type: **3**

2. Choose Connector 1: **LD**

3. Choose Connector 2: **LD**

4. Choose Length*: **003M**

5. Choose Fire Rating: **R**

6. Choose Cable Construction: **3**

7. Choose Polarity: **X**

8. Choose Jacket Color: **A**

Fiber Type	Connector 1	Connector 2	Length*	Fire Rating	Cable Construction	Polarity	Jacket Color
1 OM1	LD LC Duplex	LD LC Duplex	00M3 to 300M M Meters use M as decimal	R Riser	2 Duplex ZipCord 2.0 mm	X A/B (Cross)	O Orange
2 OM2	LC LC Simplex	LC LC Simplex		P Plenum	3 Duplex ZipCord 3.0 mm	S A/A (Straight)	Y Yellow
3 OM3	LM Mini-LC Duplex	LM Mini-LC Duplex		L LSZH	4 Simplex Cord 2.0 mm	A Type-A	A Aqua
4 OM4	LA LC/APC Duplex	LA LC/APC Duplex			5 Simplex Cord 3.0 mm	B Type-B	E Erika V.
S OS2	LB LC/APC Simplex	LB LC/APC Simplex			6 Round 2.0 mm	C Type-C	
	LH LC Duplex UHD	LH LC Duplex UHD			7 Round 3.0 mm		
	LI LC Simplex UHD	LI LC Simplex UHD					
	LU LC Duplex UHD Uniboot	LU LC Duplex UHD Uniboot					
	LE LC/APC Duplex UHD	LE LC/APC Duplex UHD					
	LF LC/APC Simplex UHD	LF LC/APC Simplex UHD					
	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					
	ST ST	ST ST					
	4M MPO-12 (M) Base 8	4M MPO-12 (M) Base 8					
	4F MPO-12 (F) Base 8	4F MPO-12 (F) Base 8					
	MM MPO-12 (M)	MM MPO-12 (M)					
	MF MPO-12 (F)	MF MPO-12 (F)					
	NM MPO-24 (m)	NM MPO-24 (m)					
	NF MPO-24 (f)	NF MPO-24 (f)					
	ZZ OPEN	ZZ OPEN					

Examples:

FP3LULU020MR6XA - FX Patch Cord, OM3, LC Duplex UHD Uniboot - LC Duplex UHD Uniboot, 20 m, OFNR, Round 2.0 mm, A-to-B, Aqua Jacket

FP4LDLD030MR2XE - FX Patch Cord, OM4, LC Duplex - LC Duplex, 30 m, OFNR, Duplex Zip 2.0 mm, A-to-B, Erika Violet Jacket

FP4LDLD030MR2XE - FX Patch Cord, OS2, SC Duplex - SC Duplex, 5 m, OFNP, Duplex Zip 3.0 mm, A-to-B, Yellow Jacket

FP3LDLH010MR2XA - FX Patch Cord, OM3, LC Duplex - LC Duplex UHD, 10 m, OFNR, Duplex Zip 2.0 mm, A-to-B, Aqua Jacket

FP4MFMF005MP6AE - FX Patch Cord, OM4, MPO-12 (F) - MPO-12 (F), 5 m, OFNP, Round 2.0 mm, Type-A, Erika Violet Jacket

Please contact Belden for any help configuring/validating SmartPart Numbers or for any other custom Engineered solutions