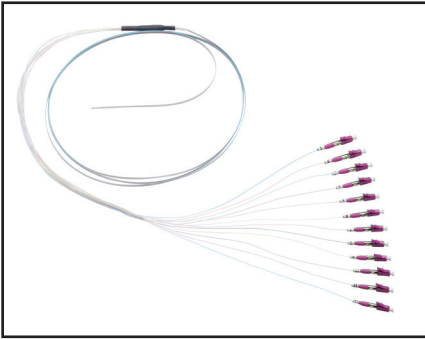
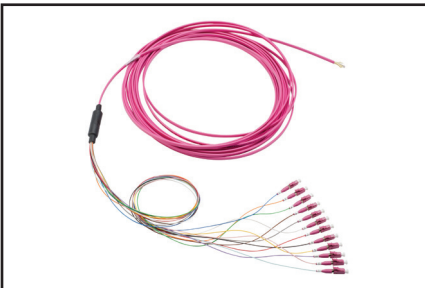


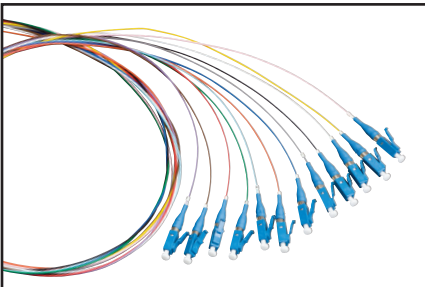
FiberExpress Field Termination (continued) FX Pigtails



FT4LC250PR12, FX Mass-fusion Pigtail, OM4 Erika Violet, LC Simplex, 2 m



FT4LCRIBPS019ME, FX Mass-fusion Pigtail, OM4 Erika Violet, LC Simplex, 9 m



FTSLC900PR12, FX LC Color-coded Pigtail Kit, Singlemode

Established technology with a pedigree of resilience. Traditional fusion splice-on connectors with pigtails provide factory-polished performance with field-termination convenience within harsh environments.

FASTER

- Faster connector identification with color-coded pigtail kits
- Faster delivery with standard LC, SC or ST 2 meter pigtail kits
- Faster installation with Mass-Fusion pigtail kits

EASIER

- Easier field-termination with factory pre-terminated connectors
- Easier ordering with intuitive *SmartPart* numbers

BETTER

- Better quality with precision factory-polished connectors
- Better insertion loss at 0.2 dB MPO-12 and 0.15 dB Max IL OM4

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	OFN (<= 3 m) OFNP for Interconnect Ribbon 12-fiber (> 3 m) OFNR for all other cables (> 3 m)				
Cable Style	900 µm Color-coded fiber kit (6 or 12 colors from TIA-598) 900 µm single fiber OM1-Gray, OM3/OM4-Aqua, OS2-White 250 µm Bare ribbon fiber Interconnect Simplex/Duplex, 2 mm/3 mm cords Interconnect Ribbon 12-fiber cable				
Standard Length	2 meters				

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

Description	FX OM1	FX OM3	FX OM4	FX SM	FX SM/APC
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	OFN (<= 3 m) OFNP (> 3 m)				
Cable Style	250 µm Bare ribbon fiber Interconnect Ribbon 12-fiber cable Interconnect Mini-Round 2 mm				
Standard Length	2 meters				

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

The default fan-out is 0.5 m when there is a transition in a pigtail kit: 900 µm Color-coded fiber kit or 250 µm Bare Ribbon fiber (R06 or R12).

Faster.
Easier.
Better.



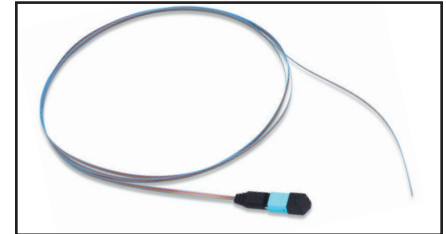
FiberExpress Field Termination (continued) FX Pigtails

Standard Mass-Fusion Pigtail Kits (Connector on 250 µm Ribbon)

Mass fusion splicing can fuse up to all 12 fibers in one ribbon at once. Mass fusion pigtails come with all 12 fibers terminated and a ribbonized open end. Splicers splice entire ribbons simultaneously.

Description	Belden Part Number				
	OM1	OM3	OM4	OS2	OS2/APC
MPO-12 (m)	–	FT3MM250PS01	FT4MM250PS01	–	FTSMM250PS01
LC	–	FT3LC250PR12	FT4LC250PR12	FTSLC250PR12	FTSLB250PR12
SC	FT1SC250PR12	FT3SC250PR12	–	FTSSC250PR12	FTSSB250PR12

Standard Mass-Fusion Color-coded Pigtail Kits contain a 12-fiber ribbon with a 0.5 m 900 µm fanout with 12 connectors, 2 m in total length.

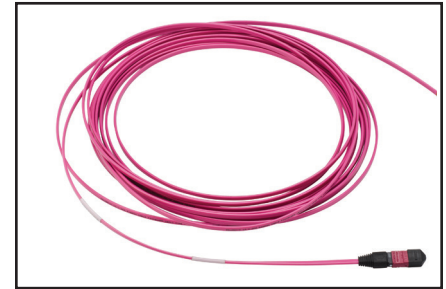


FT3MM250PS01, FX MPO Bare Ribbon Pigtail, OM3 Aqua, MPO(m), 2 m

Standard Pigtail Kits (Connector on 900 µm Fiber)

Description	Belden Part Number				
	OM1	OM3	OM4	OS2	OS2/APC
LC	–	FT3LC900PR12	FT4LC900PR12	FTSLC900PR12	FTSLB900PR12
SC	FT1SC900PR12	FT3SC900PR12	FT4SC900PR12	FTSSC900PR12	FTSSB900PR12
ST	FT1ST900PR12	FT3ST900PR12	–	FTSST900PR12	–

Standard Color-coded Pigtail Kits contain 12 color-coded 900 µm fibers, 2 m in length.

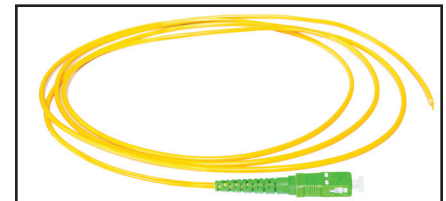


FT4MMRIBPS019ME, FX MPO Jacketed Ribbon Pigtail, OM4 Erika Violet, MPO(m), 9 m

Standard Single Pigtails (Connector on Tight buffer Fiber)

Description	Belden Part Number				
	OM1	OM3	OM4	OS2	OS2/APC
LC	–	FT3LC900PS01	FT4LC900PS01	FTSLC900PS01	FTSLB900PS01
SC	FT1SC900PS01	FT3SC900PS01	FT4SC900PS01	FTSSC900PS01	FTSSB900PS01
ST	FT1ST900PS01	FT3ST900PS01	–	FTSST900PS01	–

Standard Single 900 µm Tight Buffer Pigtails contain 1 unit, 2 m in length.

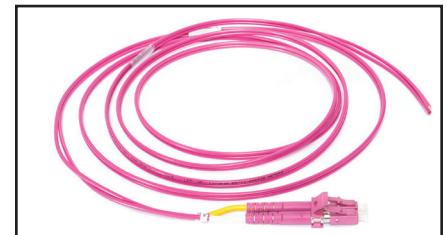


FTSSB3MMPS01, FX Pigtail, Jacketed Simplex 3.0 mm Cord, OS2 Yellow, SC/APC Simplex

Standard Single Pigtails (Connector on Jacketed Fiber)

Description	Belden Part Number				
	OM1	OM3	OM4	OS2	OS2/APC
MPO-12(m)	–	FT3MM3MMPS01	FT4MM3MMPS01	–	FTSMM3MMPS01
LC	–	FT3LC2MMPS01	FT4LC2MMPS01	FTSLC2MMPS01	FTSLB2MMPS01
LC Duplex	–	FT3LD2MMPS01	FT4LD2MMPS01	FTSLD2MMPS01	FTSLA2MMPS01
SC	FT1SC3MMPS01	FT3SC3MMPS01	FT4SC3MMPS01	FTSSC3MMPS01	FTSSB3MMPS01
SC Duplex	FT1SD3MMPS01	FT3SD3MMPS01	FT4SD3MMPS01	FTSSD3MMPS01	FTSSA3MMPS01
ST Simplex	FT1ST3MMPS01	FT3ST3MMPS01	–	FTSST3MMPS01	–

Standard Single-Jacketed Pigtails contain 1 unit, 2 m in length.



FT4LD2MMPS01, FX Pigtail, Jacketed Duplex 2.0 mm Cord, OM4 Erika Violet, LC Duplex

Fusion Splice Heat Shrink Protector Sleeves

Description	Belden Part Number
Heat Shrink Splice Protector Sleeves, 900 µm to 900 µm, 2.5 mm round x 60 mm long, 25/package	FXFUHS900AB25
Heat Shrink Splice Protector Sleeves, 900 µm to 250 µm, 2.0 mm round x 40 mm long, 25/package	FXFUHS9T2CB25
Heat Shrink Splice Protector Sleeves, 250 µm to 250 µm, 1.5 mm round x 40 mm long, 25/package	FXFUHS250DB25
Heat Shrink Splice Protector Sleeves, 250 µm 12-fiber Ribbon, oval x 40 mm long, 12/package	FXFUHSRIBEB12

See page 8, Tailored Pigtails - Building a SmartPart Number table, for more options.

i Mass-fusion pigtails drastically reduce the amount of labor time spent on fiber terminations (up to 50%) and increase maximum of fiber terminations per day (around 3.5 times more than traditional single splicing).

FiberExpress Field Termination (continued) FX Pigtails

Tailored Pigtails - Building a SmartPart Number

FX Field Termination

FT

1. Choose Fiber Type

3

Fiber Type	
1	OM1
3	OM3
4	OM4
S	OS2

2. Choose Connectors

LC

Connectors	
LD	LC Duplex
LC	LC Simplex
LA	LC/APC Duplex
LB	LC/APC Simplex
SD	SC Duplex
SC	SC Simplex
SA	SC/APC Duplex
SB	SC/APC Simplex
ST	ST
MM	MPO-12 (m)
MF	MPO-12 (f)

3. Choose Cable Type

900

Cable Type	
250	Bare Ribbon 250 μ m Fiber
RIB	Jacketed Ribbon
900	900 μ m Tight Buffer
2MM	2 mm Jacketed
3MM	3 mm Jacketed

4. Choose Product Family

P

Product Family	
P	Pigtails

5. Choose Packaging

R12

Packaging	
S01	Single Pack
R06	Rainbow 6 Pk
R12	Rainbow 12 Pk

6. Choose Length

3M

Length	
2M	
3M	
4M	
5M	
6M	
7M	
8M	
9M	

7. Choose Jacket/ Buffer Color

D

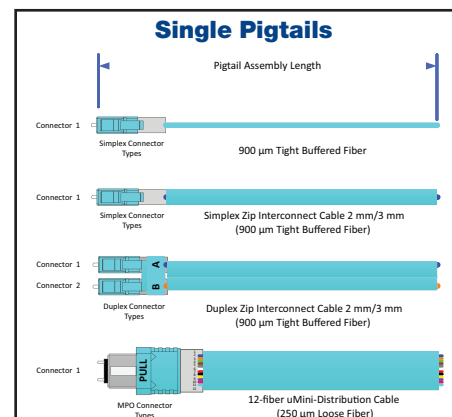
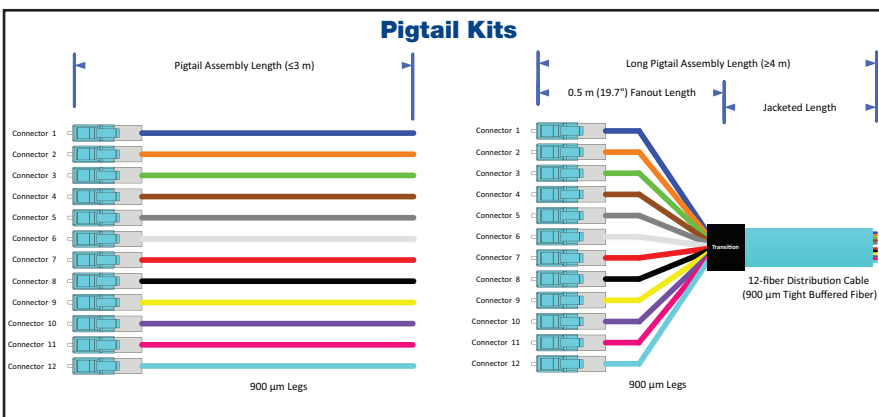
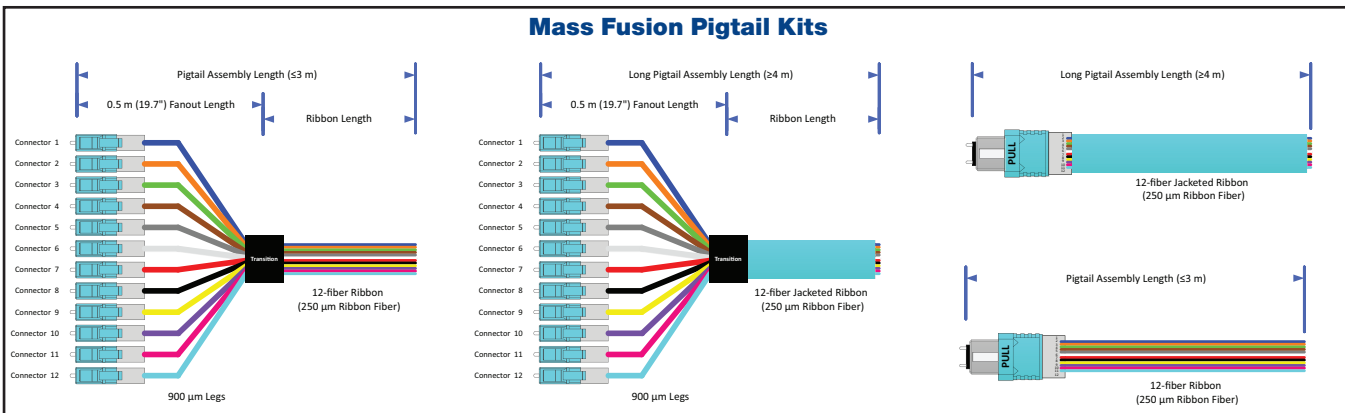
Buffer Color	
O	Orange
S	Gray
W	White
Y	Yellow
A	Aqua
E	Erika V.
D	Default Color

Use of Tailored part numbers:

Color - Default color (D) is only used with cable type (250 μ m or 900 μ m) and Packaging (R06 or R12)

Examples:

FT3LC900PR123MD - FX Field-Termination Pigtail, OM3, LC Simplex, Tight Buffer 900 μ m, Color-Coded 12-Fiber, 3 m
FTSST900PR125MY - FX Field-Termination Pigtail, OS2, ST, Tight Buffer 900 μ m, Color-Coded 12-Fiber, 5 m, Yellow Jacket
FT3MMRIBPS014MA - FX Field-Termination Pigtail, OM3, MPO-12 (M), Jacketed Ribbon, Single-Ended, 4 m, Aqua Jacket



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