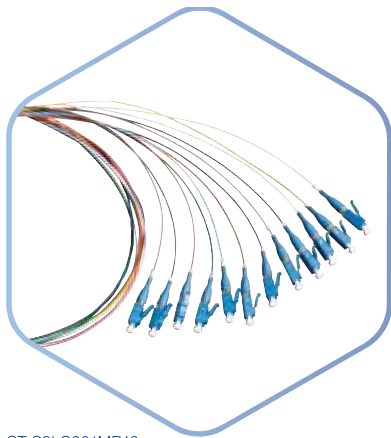


# LSZH Pigtail and Patch Cord Configurators



GT-S9LC001MR12,  
FX LC Color-coded Pigtail Kit, Singlemode

## FX Pigtails

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

### 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
<b>Cable Performance - LC/SC/ST</b>					
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				
<b>Connector Performance - LC/SC/ST</b>					
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
<b>Cable Performance - MPO</b>					
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				
<b>Connector Performance - MPO</b>					
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).

Our End-to-End Expertise.  
Your End-to-End Solution.



### FX@E LSZH MPO Patch Cords

MPO Patch cords	Fiber	Cable Type	Connector 1	Connector 2	Length in M	Polarity
GP-	3	7	MF	MF	003M	A
	3 OM3	7 3mm Round Cord	4 M MPO Base-8 (M)	4 M MPO Base-8 (M)	005M to 100M	A Type-A
	4 OM4		4 F MPO Base-8 (F)	4 F MPO Base-8 (F)	*use M as decimal	4 SR4/PSM4
	S OS2		M M MPO Base-12 (M)	M M MPO Base-12 (M)		ONLY USED IF APPLICABLE FOR NON-STANDARD
			M F MPO Base-12 (F)	M F MPO Base-12 (F)		

### FX@E LSZH Hydra Patch Cords

Hydra	Fiber	Cable Type	Connector 1	Connector 2	Length in M	Polarity
GP-	3	7	MM	LD	003M	A
	3 OM3	7 3mm Round Cord	4 M MPO Base-8 (M)	L D LC Duplex	005M to 100M	A Type-A
	4 OM4	9 900u	4 F MPO Base-8 (F)	L C LC Simplex	*use M as decimal	4 SR4/PSM4
	S OS2		M M MPO Base-12 (M)	L A LC/APC Duplex		ONLY USED IF APPLICABLE FOR NON-STANDARD
			M F MPO Base-12 (F)	L B LC/APC Simplex		
				S D SC Duplex		
				S C SC Simplex		
				S A SC/APC Duplex		
				S B SC/APC Simplex		

### FX@E LSZH Patch Cords

Patch cords	Fiber	Cable Type	Connector 1	Connector 2	Length in M	Polarity
GP-	3	2	LD	LD	003M	X
	1 OM1	2 2mm Duplex Zip Cord	L D LC Duplex	L D LC Duplex	005M to 100M	X A/B (Cross)
	3 OM3	3 3mm Duplex Zip Cord	L C LC Simplex	L C LC Simplex	*use M as decimal	S A/A (Straight)
	4 OM4	4 2mm Simplex Cord	L A LC/APC Duplex	L A LC/APC Duplex		ONLY USED IF APPLICABLE FOR NON-STANDARD
	S OS2	5 3mm Simplex Cord	L B LC/APC Simplex	L B LC/APC Simplex		
			S D SC Duplex	S D SC Duplex		
			S C SC Simplex	S C SC Simplex		
			S A SC/APC Duplex	S A SC/APC Duplex		
			S B SC/APC Simplex	S B SC/APC Simplex		
			F C FC	F C FC		
			F A FC/APC	F A FC/APC		
			S T ST	S T ST		

### FX@E LSZH Pigtailed

Pigtailed	Fiber	Cable Type	Connector	Length in M	Packaging
GT-	3	9	LC	001M	R12
	1 OM1	9 900u	L D LC Duplex	005M to 009M	S01 Single Pack (for 900u MPO only)
	3 OM3	2 2mm Duplex Zip Cord	L C LC Simplex	*use M as decimal	B12 12 Pack 900u
	4 OM4	4 2mm Simplex Cord	L A LC/APC Duplex		R12 Rainbow 12 Pack (900u)
	S OS2		L B LC/APC Simplex		S1 Single Pack only for Jacketed pigtailed
			S D SC Duplex		
			S C SC Simplex		
			S A SC/APC Duplex		
			S B SC/APC Simplex		
			F C FC		
			F A FC/APC		
			S T ST		
			4 M MPO Base-8 (M)		
			4 F MPO Base-8 (F)		
			M M MPO Base-12 (M)		
			M F MPO Base-12 (F)		
			N M MPO Base-24 (M)		
			N F MPO Base-24 (F)		

