



Product: PFxxxx
FiberExpress Pre-Terminated Patch Cords

Product Description

FiberExpress Pre-Terminated Patch Cord

Technical Specifications

Product Overview

Suitable Applications:	Data Centers, Main Equipment Rooms, Telecommunications Rooms and Work Area
Related Parts:	FiberExpress Adapter Strips, FiberExpress Manager Modules and FiberExpress Ultra Frames and Cassettes, Workstation Outlets

Physical Characteristics (Overall)

Coding Scheme

PF FX Patch Cord	Fiber Type	Connector 1	Connector 2	Length & Unit of Measure	Fire Rating	Cable Construction	Polarity	Jacket Color*
PF	3	LD	LD	003M	R	3	X	A
PF	1 - OM1	LD - LC Duplex	LD - LC Duplex	001M to 300M	R - Riser	2 - Duplex Zipcord 2.0mm	X - A/B	Y - Yellow
	2 - OM2	LC - LC Simplex	LC - LC Simplex	M - Meters	P - Plenum	3 - Duplex Zipcord 3.0mm	S - A/A	O - Orange
	3 - OM3	SD - SC Duplex	SD - SC Duplex		L - LSZH	4 - Simplex cord 2.0mm		A - Aqua
	4 - OM4	SC - SC Simplex	SC - SC Simplex		A-LSZH (IEC 60332-3-24)	5 - Simplex cord 3.0mm		E - Erika V.
	5 - OM5	ST - ST	ST - ST			6 - Round 2.0mm		G - Lime Green
	S - G652D(OS2)	FC - FC	FC - FC			7 - Round 3.0mm		
	X - OM3(BI)	LA - LC/APC Duplex	LA - LC/APC Duplex			B - Double jacket 3.2mm X 5.0mm* (Duplex Zipcord 2.0mm)		
	Y - OM4(BI)	LB - LC/APC Simplex	LB - LC/APC Simplex			C - Double jacket 4.4mm X 7.0mm* (Duplex Zipcord 3.0mm)		
	Z - G657 A2	LU - LC Duplex Uni Boot	LU - LC Duplex Uni Boot			D - Double jacket 3.6mm (Simplex cord 2.0mm)		
		SA - SC/APC Duplex	SA - SC/APC Duplex			E - Double jacket 4.6mm (Simplex cord 3.0mm)		
		SB - SC/APC Simplex	SB - SC/APC Simplex			G - Double jacket 4.6mm (Round 3.0mm)		
		FA - FC/APC	FA - FC/APC					
		LH - LC Duplex HD	LH - LC Duplex HD					
		UH - LC Uni Boot HD	UH - LC Uni Boot HD					
		UV - LC Uni Boot Polarity Reversible, HD	UV - LC Uni Boot Polarity Reversible, HD					

Packaging:	Individually packaged in a clear plastic bag (put up length from 001M to 029M). Individually packaged on a reel (put up length from 030M to 500M).
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Mechanical Specifications

Fiber Cable Type:	Max. Crush Resistance (N/100mm)	
	Short-Term	Long-Term
Double jacket:	1000	200
Single jacket:	500	100

Optical Characteristics

Type:	OM1	OM2	OM3	OM4	OM5	Single mode (UPC)	Single mode (APC)
Insertion Loss:	≤ 0.25dB	≤ 0.25dB	≤ 0.25dB	≤ 0.15dB	≤ 0.15dB	≤ 0.3dB	≤ 0.3dB
Return Loss:	≥ 25dB	≥ 25dB	≥ 25dB	≥ 25dB	≥ 25dB	≥ 55dB	≥ 65dB

Standards and Compliance

Telecommunication Standards:	TIA-568.3-D
Connector Standards:	IEC 61754, TIA 604
Cable Standards:	IEC 60794, IEC 60332, UL 1685, NFPA 262
EU RoHS Compliant (Y/N):	Y

Part Number

Variants

Item*	Description	Colour	Length
PF3LDLD005MR2XA	Fiber Express Duplex Patch Cord, LC - LC Duplex, Multimode OM3	Aqua	5m
PF4LDLD008MR2XE	Fiber Express Duplex Patch Cord, LC - LC Duplex, Multimode OM4	Erika Violet	8m
PF5LDLD010MR2XG	Fiber Express Duplex Patch Cord, LC - LC Duplex, Multimode OM5	Lime Green	10m
PFSLDLD003MR2XY	Fiber Express Duplex Patch Cord, LC - LC Duplex, Singlemode OS2	Yellow	3m
PF3SDSD005MR3XA	Fiber Express Duplex Patch Cord, SC - SC Duplex, Multimode OM3	Aqua	5m
PFSDDSD003MR3XY	Fiber Express Duplex Patch Cord, SC - SC Duplex, Singlemode OS2	Yellow	3m

Note:	<p>1.The product numbers in the Item are just example for the part number assignment, the full series code can be assigned as per the number chart accordingly.</p> <p>2.In a part number LC should always be shown as the first connector. (If there is LC). (In the sample here, connector 1 should be LD and connector 2 can be SD, as if there is a LC connector at any end, that end by default is the first connector.)</p> <p>3.The standard fiber cable colors are Yellow for Single Mode; Orange for OM1& OM2; Aqua for OM3; Erika V for OM4, lime green for OM5</p>
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History

Update and Revision:	Revision Number: 0.1 Revision Date: 09-09-2020
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