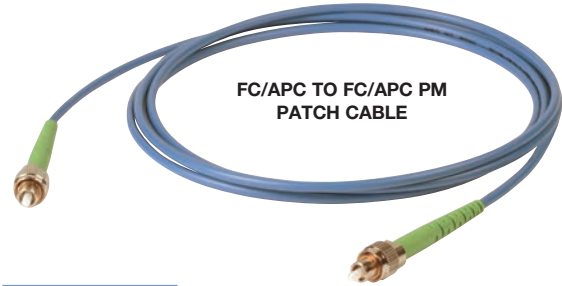


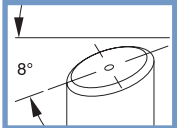
Polarization-Maintaining Patch Cables: FC/APC to FC/APC

Features

- FC/APC Connectors with 2 mm Narrow Keys on Both Ends
- Options for Transmission from 400 to 2200 nm
- Panda Style Fibers with Connector Key Aligned to Slow Axis
- Ø3 mm Blue Furcation Tubing
- Return Loss: 60 dB (Typ.)
- Length Tolerance: ±0.1 m
- Polarization Axis to Key Tolerance: ±3°
- Cladding: Ø125 µm



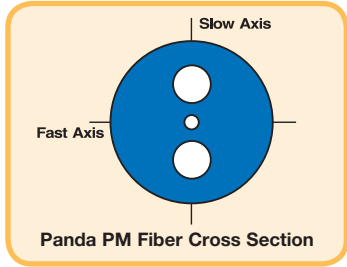
$$\text{Return Loss} = 10 \log \left(\frac{P}{P_{\text{Back}}} \right)$$



FC/APC

These are our stock polarization-maintaining (PM) fiber patch cables with FC connectors and APC polishes on both ends. Each cable is manufactured at our facility on state-of-the-art equipment and is individually tested to ensure its polarization extinction ratio and low back reflection (high return loss) at fiber-to-fiber junctions. All of the cables on this page feature Ø3 mm furcation tubing, which provides Kevlar threads within the tubing to protect the fiber optic.

If you do not see an FC/APC to FC/APC polarization-maintaining patch cable suitable for your application here, please contact your local Thorlabs office or visit www.thorlabs.com/customcable.



ITEM #	OPERATING λ	TEST λ	MFD ^a	NA	FIBER	ER ^b	IL ^c	L ^d	\$	£	€	RMB
P3-405PM-FC-2	400 – 500 nm	405 nm	3.2µm @ 405 nm 3.2µm @ 460 nm	0.12	PM-S405-HP (Page XXX)	15 dB	1.5dB	2 m	\$ 351.45	£ 548.56	€ 925,54	¥ 1,586.56
P3-488PM-FC-2	460 – 700 nm	488 nm	3.3 µm @ 515 nm	0.12	PM460-HP (Page XXX)	18 dB	1.5 dB	2 m	\$ 218.00	£ 156.96	€ 189,66	¥ 1,737.46
P3-488PM-FC-5								5 m	\$ 310.00	£ 223.20	€ 269,70	¥ 2,470.70
P3-630PM-FC-1	620 – 820 nm	630 nm	4.5 µm @ 630 nm	0.12	PM630-HP (Page XXX)	20 dB	1.2 dB	1 m	\$ 654.58	£ 285.36	€ 265,50	¥ 5824.65
P3-630PM-FC-2								2 m	\$ 189.00	£ 136.08	€ 164,43	¥ 1,506.33
P3-630PM-FC-5								5 m	\$ 253.00	£ 182.16	€ 220,11	¥ 2,016.41
P3-780PM-FC-1	770 – 1100 nm	780 nm	5.3 µm @ 850 nm	0.12	PM780-HP (Page XXX)	20 dB	1.0 dB	1 m	\$ 253.00	£ 182.16	€ 220,11	¥ 2,016.41
P3-780PM-FC-2								2 m	\$ 169.00	£ 121.68	€ 147,03	¥ 1,346.93
P3-780PM-FC-5								5 m	\$ 229.00	£ 164.88	€ 199,23	¥ 1,825.13
P3-980PM-FC-2	970 – 1550 nm	980 nm	6.6 µm @ 980 nm	0.12	PM980-XP (Page XXX)	22 dB	0.7 dB	2 m	\$ 176.00	£ 126.72	€ 153,12	¥ 1,402.72
P3-980PM-FC-5								5 m	\$ 244.00	£ 175.68	€ 212,28	¥ 1,944.68
P3-1064PM-FC-1								1 m	\$ 176.00	£ 126.72	€ 153,12	¥ 1,402.72
P3-1064PM-FC-2	970 – 1550 nm	1064 nm	7.2 µm @ 1064 nm	0.12	PM980-XP (Page XXX)	22 dB	0.7 dB	2 m	\$ 176.00	£ 126.72	€ 153,12	¥ 1,402.72
P3-1064PM-FC-5								5 m	\$ 244.00	£ 175.68	€ 212,28	¥ 1,944.68
P3-1310PM-FC-2	1270 – 1625 nm	1310 nm	9.5 µm @ 1300 nm	0.12	PM1300-HP (Page XXX)	23 dB	0.5 dB	2 m	\$ 166.00	£ 119.52	€ 144,42	¥ 1,323.02
P3-1310PM-FC-5								5 m	\$ 220.00	£ 158.40	€ 191,40	¥ 1,753.40
P3-1550PM-FC-1	1440 – 1625 nm	1550 nm	10.5 µm @ 1550 nm	0.13	PM1550-HP (Page XXX)	23 dB	0.5 dB	1 m	\$ 220.00	£ 158.40	€ 191,40	¥ 1,753.40
P3-1550PM-FC-2								2 m	\$ 176.00	£ 126.72	€ 153,12	¥ 1,402.72
P3-1550PM-FC-5								5 m	\$ 244.00	£ 175.68	€ 212,28	¥ 1,944.68
P3-2000PM-FC-2	1850 – 2200 nm	2000 nm	8.0 µm @ 1950 nm	0.125	PM2000 (Page XXX)	23dB	0.5 dB	2 m	\$ 244.00	£ 175.68	€ 212,28	¥ 1,944.68

^aMode Field Diameter, Nominal

^bMinimum Extinction Ratio at Test Wavelength

^cMaximum Insertion Loss at Test Wavelength

^dLength