

For current pricing,
please see our website.

CHAPTERS

Fiber Patch Cables

Bare Fiber

Fiber Optomechanics

Fiber Components

Test and Measurement

SECTIONS

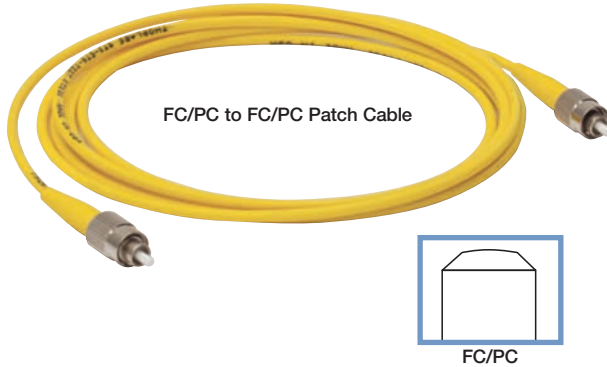
SM Patch Cables

PM Patch Cables

MM Patch Cables

Fiber Bundles

Single Mode Patch Cables: FC/PC to FC/PC



Features

- FC/PC Connectors with 2 mm Narrow Keys on Both Ends
- Options for Transmission from 305 to 2100 nm
- Insertion Loss: 0.3 dB (Typical)
- Return Loss: 50 dB (Typical)
- Ø3 mm Yellow Furcation Tubing
- Length Tolerance
 - +7.5/-0 cm (1, 2, or 5 m)
 - +50/-0 cm (10 m)
- Custom Cables Available with Same-Day Turnaround

Have you seen our...
Mating Sleeves

See pages 1138 - 1139

These are our stock single mode fiber patch cables with FC connectors and PC polishes on both ends. Each cable is manufactured at our facility on state-of-the-art equipment. We individually test each cable to ensure 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/PC to FC/PC single mode patch cable suitable for your application here, please contact your local Thorlabs office or visit www.thorlabs.com/customcable.

	ITEM #	OPERATING λ	CUTOFF λ	MFD ^b	CLAD	NA ^c	FIBER	L ^d	\$	£	€	RMB
NEW	P1-305A-FC-1	305 – 450 nm	<300 nm	1.9 μm @ 305 nm	$\text{Ø}125 \mu\text{m}$	0.13	SM300 (Page 1020)	1 m	\$ 76.00	£ 54.72	€ 66,12	¥ 605.72
NEW	P1-305A-FC-2			3.0 μm @ 450 nm				2 m	\$ 92.00	£ 66.24	€ 80,04	¥ 733.24
	P1-405A-FC-1	400 – 550 nm	350 – 390 nm	3.2 μm @ 460 nm	$\text{Ø}125 \mu\text{m}$	0.12	S405-HP (Page 1020)	1 m	\$ 71.00	£ 51.12	€ 61,77	¥ 565.87
	P1-405A-FC-2							2 m	\$ 80.00	£ 57.60	€ 69,60	¥ 637.60
	P1-405A-FC-5							5 m	\$ 94.30	£ 67.90	€ 82,04	¥ 751.57
NEW	P1-460A-FC-1	450 – 600 nm	410 – 450 nm	3.5 μm @ 515 nm	$\text{Ø}125 \mu\text{m}$	0.13	460HP (Page 1020)	1 m	\$ 70.00	£ 50.40	€ 60,90	¥ 557.90
	P1-460A-FC-2							2 m	\$ 77.00	£ 55.44	€ 66,99	¥ 613.69
	P1-460A-FC-5							5 m	\$ 94.30	£ 67.90	€ 82,04	¥ 751.57
NEW	P1-630A-FC-1	600 – 800 nm ^a	500 – 600 nm	4.3 μm @ 633 nm	$\text{Ø}125 \mu\text{m}$	0.12	SM600 (Page 1021)	1 m	\$ 62.00	£ 44.64	€ 53,94	¥ 494.14
	P1-630A-FC-2							2 m	\$ 67.00	£ 48.24	€ 58,29	¥ 533.99
	P1-630A-FC-5							5 m	\$ 80.40	£ 57.89	€ 69,95	¥ 640.79
	P1-630A-FC-10							10 m	\$ 108.50	£ 78.12	€ 94,40	¥ 864.75
NEW	P1-780A-FC-1	780 – 970 nm	700 – 760 nm	5.0 μm @ 850 nm	$\text{Ø}125 \mu\text{m}$	0.13	780HP (Page 1021)	1 m	\$ 78.00	£ 56.16	€ 67,86	¥ 621.66
	P1-780A-FC-2							2 m	\$ 88.00	£ 63.36	€ 76,56	¥ 701.36
	P1-780A-FC-5							5 m	\$ 103.33	£ 74.40	€ 89,90	¥ 823.54
NEW	P1-830A-FC-1	800 – 1000 nm ^a	660 – 800 nm	5.6 μm @ 830 nm	$\text{Ø}125 \mu\text{m}$	0.12	SM800-5.6-125 (Page 1021)	1 m	\$ 59.10	£ 42.55	€ 51,42	¥ 471.03
	P1-830A-FC-2							2 m	\$ 64.10	£ 46.15	€ 55,77	¥ 510.88
	P1-830A-FC-5							5 m	\$ 74.40	£ 53.57	€ 64,73	¥ 592.97
	P1-830A-FC-10							10 m	\$ 97.70	£ 70.34	€ 85,00	¥ 778.67
NEW	P1-980A-FC-1	970 – 1650 nm ^a	870 – 970 nm	5.8 μm @ 980 nm	$\text{Ø}125 \mu\text{m}$	0.14	SM980-5.8-125 (Page 1022)	1 m	\$ 60.10	£ 43.27	€ 52,29	¥ 479.00
	P1-980A-FC-2			6.2 μm @ 1064 nm				2 m	\$ 65.10	£ 46.87	€ 56,64	¥ 518.85
	P1-980A-FC-5			10.4 μm @ 1550 nm				5 m	\$ 76.50	£ 55.08	€ 66,56	¥ 609.71
NEW	P1-SMF28E-FC-1	1260 – 1625 nm	<1260 nm	9.2 μm @ 1310 nm	$\text{Ø}125 \mu\text{m}$	0.14	SMF-28e+ (Page 1023)	1 m	\$ 38.90	£ 28.01	€ 33,84	¥ 310.03
	P1-SMF28E-FC-2							2 m	\$ 39.60	£ 28.51	€ 34,45	¥ 315.61
	P1-SMF28E-FC-5							5 m	\$ 40.80	£ 29.38	€ 35,50	¥ 325.18
	P1-SMF28E-FC-10							10 m	\$ 52.50	£ 37.80	€ 45,68	¥ 418.43
NEW	P1-1550A-FC-1	1460 – 1620 nm	1350 – 1450 nm	9.5 μm @ 1550 nm	$\text{Ø}125 \mu\text{m}$	0.13	1550BHP (Page 1023)	1 m	\$ 68.70	£ 49.46	€ 59,77	¥ 547.54
	P1-1550A-FC-2							2 m	\$ 73.70	£ 53.06	€ 64,12	¥ 587.39
	P1-1550A-FC-5							5 m	\$ 94.30	£ 67.90	€ 82,04	¥ 751.57
	P1-1550A-FC-10							10 m	\$ 138.00	£ 99.36	€ 120,06	¥ 1,099.86
NEW	P1-2000-FC-1	1700 – 2100 nm	<1700 nm	13 μm @ 1996 nm	$\text{Ø}125 \mu\text{m}$	0.11	SM2000 (Page 1024)	1 m	\$ 74.00	£ 53.28	€ 64,38	¥ 589.78
NEW	P1-2000-FC-2							2 m	\$ 85.00	£ 61.20	€ 73,95	¥ 677.45

^aThe wavelength range given is an estimate and is not tested & guaranteed for the fiber.

^bMode Field Diameter, Nominal

^cNumerical Aperture, Nominal

^dLength