

For current pricing, please see our website.

CHAPTERS

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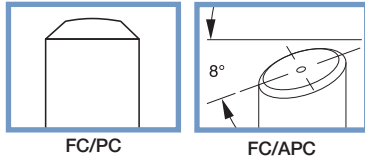
NEW
products



P5-630A-PCAPC-1

Features

- 2 mm Narrow Keys
- Options for Transmission from 305 – 2100 nm
- Ø3 mm Yellow Furcation Tubing
- Insertion Loss
 - FC/PC: 0.3 dB (Typical)
 - FC/APC: 0.2 dB (Typical)
- Return Loss
 - FC/PC: 50 dB (Typical)
 - FC/APC: 60 dB (Typical)
- Length Tolerance: +7.5/-0 cm
- Custom Cables Available with Same-Day Turnaround



FC/PC

FC/APC

These are our stock single mode fiber patch cables with an FC/PC connector on one end and an FC/APC connector on the other end. 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 feature Ø3 mm furcation tubing with Kevlar threads within the tubing to protect the fiber optic.

If you do not see a hybrid single mode patch cable suitable for your application here, please contact your local Thorlabs office or visit www.thorlabs.com/customcable.

FC/PC to FC/APC Hybrid Cables

ITEM #	OPERATING λ	CUTOFF λ	MFD ^b	CLAD	NA ^c	FIBER	L ^d	\$	£	€	RMB
P5-305A-PCAPC-1	305 – 450 nm	<300 nm	1.9 μm @ 305 nm 3.0 μm @ 450 nm	Ø125 μm	0.13	SM300 (Page 1020)	1 m	\$ 90.00	£ 64.80	€ 78,30	¥ 717.30
P5-405A-PCAPC-1	400 – 550 nm	350 – 390 nm	3.2 μm @ 460 nm	Ø125 μm	0.12	S405-HP (Page 1020)	1 m	\$ 83.70	£ 60.26	€ 72,82	¥ 667.09
P5-460A-PCAPC-1	450 – 600 nm	410 – 450 nm	3.5 μm @ 515 nm	Ø125 μm	0.13	460HP (Page 1020)	1 m	\$ 80.70	£ 58.10	€ 70,21	¥ 643.18
P5-630A-PCAPC-1	600 – 800 nm ^a	500 – 600 nm	4.3 μm @ 633 nm	Ø125 μm	0.12	SM600 (Page 1021)	1 m	\$ 72.00	£ 51.84	€ 62,64	¥ 573.84
P5-780A-PCAPC-1	780 – 970 nm	700 – 760 nm	5.0 μm @ 850 nm	Ø125 μm	0.13	780HP (Page 1021)	1 m	\$ 88.00	£ 63.36	€ 76,56	¥ 701.36
P5-830A-PCAPC-1	800 – 1000 nm ^a	660 – 800 nm	5.6 μm @ 830 nm	Ø125 μm	0.12	SM800-5.6-125 (Page 1021)	1 m	\$ 69.10	£ 49.75	€ 60,12	¥ 550.73
P5-980A-PCAPC-1	970 – 1650 nm ^a	870 – 970 nm	5.8 μm @ 980 nm 6.2 μm @ 1064 nm 10.4 μm @ 1550 nm	Ø125 μm	0.14	SM980-5.8-125 (Page 1022)	1 m	\$ 70.10	£ 50.47	€ 60,99	¥ 558.70
P5-SMF28E-FC-1	1260 – 1625 nm	<1260 nm	9.2 μm @ 1310 nm	Ø125 μm	0.14	SMF-28e+ (Page 1023)	1 m	\$ 48.90	£ 35.21	€ 42,54	¥ 389.73
2 m							\$ 49.60	£ 35.71	€ 43,15	¥ 395.31	
5 m							\$ 50.80	£ 36.58	€ 44,20	¥ 404.88	
P5-2000-PCAPC-1	1700 – 2100 nm	<1700 nm	13 μm @ 1996 nm	Ø125 μm	0.11	SM2000 (Page 1024)	1 m	\$ 83.00	£ 59.76	€ 72,21	¥ 661.51

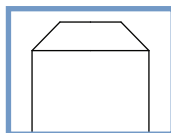
^aThe wavelength range given is an estimate and is not tested & guaranteed for the fiber.

^bMode Field Diameter, Nominal

^cNumerical Aperture, Nominal

^dLength

Single Mode Patch Cables: FC/PC to SMA



SMA

- 2 mm Narrow Keys
- Options for Transmission from 633 – 1650 nm
- Ø3 mm Yellow Furcation Tubing
- FC/PC Insertion Loss: 0.3 dB (Typical)
- FC/PC Return Loss: 50 dB (Typical)
- Length Tolerance: +7.5/-0 cm

FC/PC to SMA Hybrid Cables

ITEM #	OPERATING λ	CUTOFF λ	MFD ^b	CLAD	NA ^c	FIBER	L ^d	\$	£	€	RMB
NEW P2-630A-PCSMA-1	633 – 680 nm	550 ± 50 nm	4.3 μm @ 633 nm	Ø125 μm	0.10 - 0.14	SM600 (Page 1021)	1 m	\$ 72.80	£ 52.42	€ 63,34	¥ 580.22
NEW P2-980A-PCSMA-1	970 – 1650 nm ^a	870 – 970 nm	5.8 μm @ 980 nm 6.2 μm @ 1064 nm 10.4 μm @ 1550 nm	Ø125 μm	0.13 - 0.15	SM980-5.8-125 (Page 1022)	1 m	\$ 72.80	£ 52.42	€ 63,34	¥ 580.22

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

^bMode Field Diameter, Nominal

^cNumerical Aperture, Nominal

^dLength