

Polarization Maintaining Fiber Optical Patch Cable

960nm to 1080nm



These polarization-maintaining fiber optic patch cables are terminated on both ends with high-quality, narrow key, ceramic FC/PC connectors, featuring high-quality polish with a typical return loss of 50 dB. Each cable is individually tested to ensure the specified extinction ratio and insertion loss at fiber-to-fiber junctions. Each patch cable includes two protective caps that shield the ferrule ends from dust and other hazards. Each cable comes with a mating connector adaptor for ease of use.

Features

- FC/PC Narrow Key Connector
- Aligned to Slow Axis
- High Polish with >50dB RL
- Ceramic Radiused Ferrules
- Custom Cable Available

Specifications ^[1]

Parameter	Min	Typical	Max	Unit
Wavelength	960		1080	nm
Insertion Loss		0.4	0.5	dB
Extinction Ratio	23		25	dB
Mode Diameter		8.0		μm
Return Loss	50			dB
Fiber Type	PM 980			
Connector Type	Narrow Key FC/PC			

Applications

- Test
- Instrument/System

Ordering Information (Part Number)

Prefix	Wavelength	Length ^[1]	PER	Power	Key Aligned	Fiber	Fiber Cover	Connector1	Connector2
FCPM-	980nm = 9	1m = A1 5m = A5 12m = 12 Special = 00	18dB = 1 23dB = 2 25dB = 3 Special = 0	Regular = R 1W = 1 2W = 2 3W = 3 Special = 0	Slow Axis = 1 Fast Axis = 2 Unlocked ^[2] = 3 Special = 0	PM980 = 9 Special = 0	0.9mm = 1 3mm = 2 Armor = 3 Special = 0	FC/PC = 1 FC/APC = 2 SC/UPC = 3 SC/APC = 4 LC/UPC = 5 LC/APC = 6 Special = 0	FC/PC = 1 FC/APC = 2 SC/UPC = 3 SC/APC = 4 LC/UPC = 5 LC/APC = 6 Special = 0

[1]. Any length is available to order

[2]. Unlocked means the axis is free rotating

Fiber Cable PM

Red Color indicates special order

Rev 07/10/25

© Photonwares Corporation

P +1 781-935-1200

E sales@photonwares.com

W www.agiltron.com

Information contained herein is deemed to be reliable and accurate as of the issue date. Photonwares reserves the right to change the design or specifications at any time without notice. Agiltron is a registered trademark of Photonwares Corporation in the U.S. and other countries.