Polarization Maintaining Fiber Optical Patch Cable

460nm to 700nm

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	460		700	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 460			
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-	460nm = 4	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	PM460 = 4 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

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P +1 781-935-1200 E sales@photonwares.com W www.agiltron.com

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