

SHAPING LIGHT.

HELPING ENGINEERS AND SCIENTISTS IN
ADVANCING HOW THE WORLD COMMUNICATES,
SENSES AND CONNECTS



POLARIZATION MAINTAINING PATCH-CORDS DATA SHEET

**PM PASSIVES****POLARIZATION MAINTAINING
PATCH-CORDS**

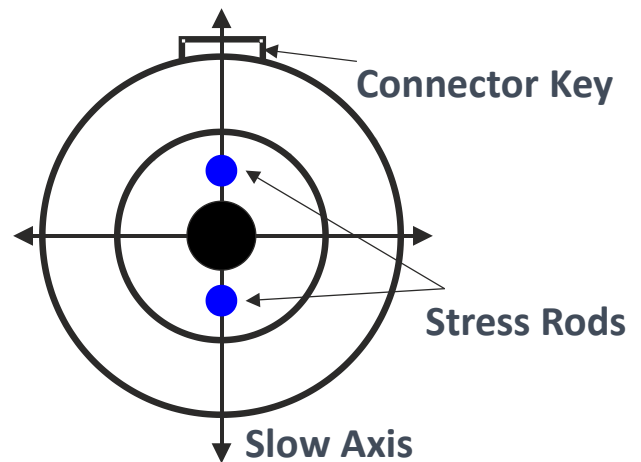
Designed to preserve light polarization, whether launched on the fast or slow axis of the fiber, our polarization-maintaining patch cords ensure dependable device interconnections in lab environment.

This consistency is crucial in applications where maintaining the polarization of light ensures optimal performance.

We offer a wide range of patch cords to match your specific needs.

APPLICATIONS

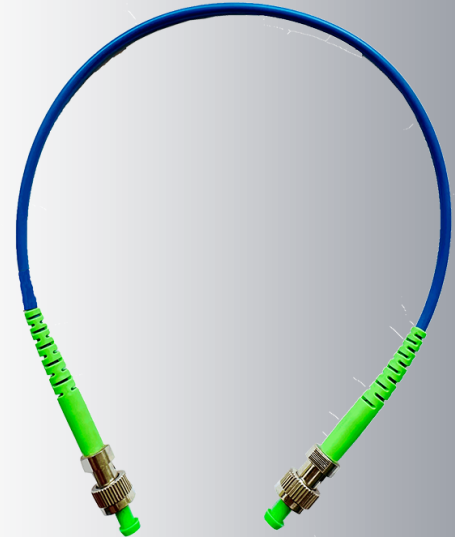
- Device interconnect
- Polarization management
- Connection of Laser Ports
- Coherent Communication Systems
- Fiber Optic Gyroscopes
- Quantum Cryptography
- Interferometric Sensors



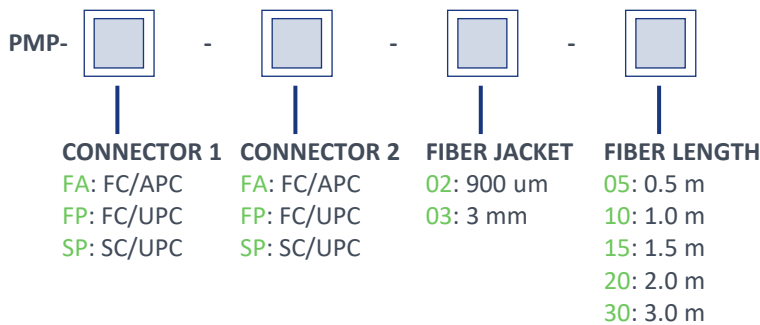
SPECIFICATION

PARAMETER	SPECIFICATION		UNIT
Connector Type	UPC	APC	
Typical Insertion loss	0.3	0.4	dB
Maximum Insertion loss	0.5	0.5	dB
Return Loss	≥ 50	≥ 60	dB
Extinction Ratio	≥ 23	≥ 23	dB
Maximum Optical Power	300		mW
Axis Alignment	± 3°		Deg
Key Orientation	Slow Axis		
Fiber Type	PM Panda Fiber		
Max. Tensile Load	5		N
Fiber Length tolerance	± 10		%

CONFIGURE YOUR PM PATCH-CORD



PRODUCT



REQUEST A QUOTATION

Get in touch with us via info@id-photonics.com or send a request via our [web form](#).



SCAN ME

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