SHAPING LIGHT.

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

POLARIZATION MAINTAINING PATCH-CORDS
DATA SHEET

ID Photonics GmbH . Anton-Bruckner-Straße 6 . 85579 Neubiberg . GERMANY
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PM PASSIVES

POLARIZATION MAINTAINING PATCH-CORDS

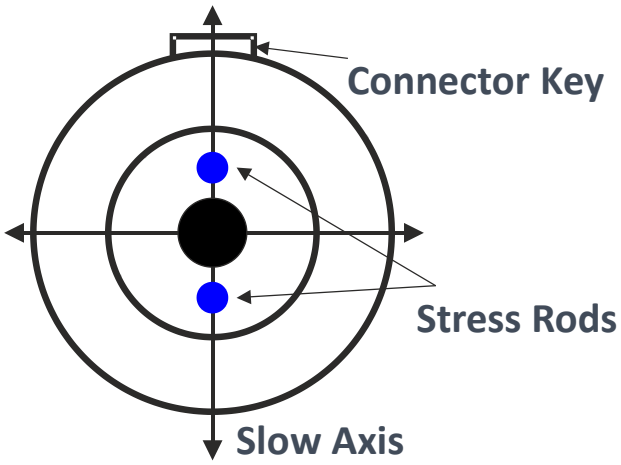
Designed to preserve light polarization, whether launched on the fast or slow axis of the fiber, our polarization-maintaining patch cords ensure dependable device interconnections in lab environment.

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

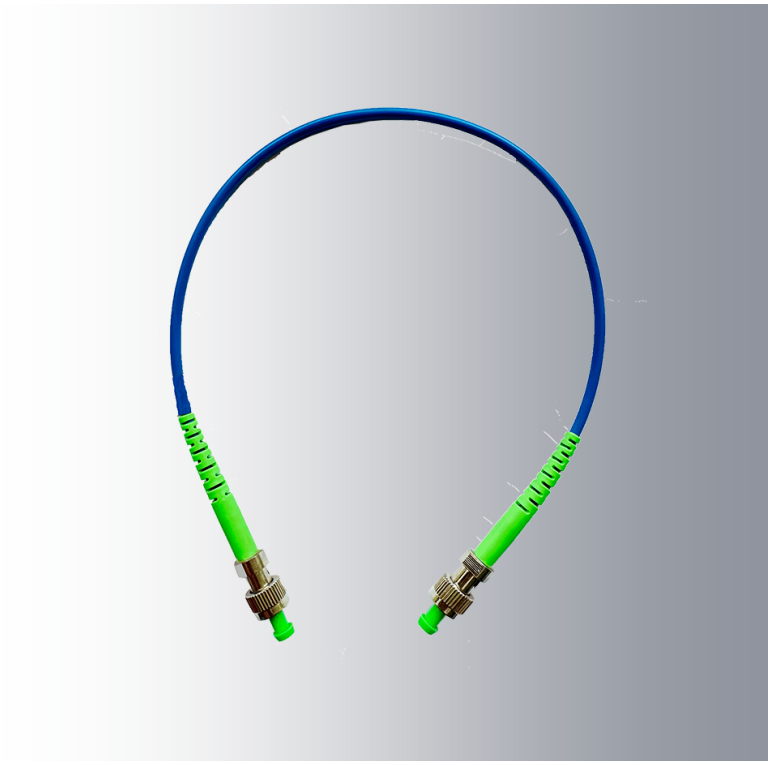


RoHS compliant

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

PMP- □ - □ - □ - □

CONNECTOR 1	CONNECTOR 2	FIBER JACKET	FIBER LENGTH
FA: FC/APC	FA: FC/APC	02: 900 um	05: 0.5 m
FP: FC/UPC	FP: FC/UPC	03: 3 mm	10: 1.0 m
SP: SC/UPC	SP: SC/UPC		15: 1.5 m
			20: 2.0 m
			30: 3.0 m

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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