ZITHA TECH SPECIALTY CABLES (Pty) Ltd

Huijue 1550 Polarization-Maintaining Fiber Optic Cable



Overview

These polarization-maintaining fiber optic patch cables are terminated on both ends with narrow key, ceramic-ferrule FC/APC connectors.

Key Takeaways

Product features□Slow axis aligned□ Polarization-maintaining fiber with a pair of FC/APC connectors□ Wavelength range 400-2200nm□ Narrow plug (2mm) and slow axis aligned□ Typical 60 dB return loss□ Ceramic ferrule, angled 8° (APC)□ Ø3mm external protective layer□ Customized jumpers. Product features□Slow axis aligned□ Polarization-maintaining fiber with a pair of FC/APC connectors□ Wavelength range 400-2200nm□ Narrow plug (2mm) and slow axis aligned□ Typical 60 dB return loss□ Ceramic ferrule, angled 8° (APC)□ Ø3mm external protective layer□ Customized jumpers. Thorlabs offers both PANDA and Bow-Tie Single Mode Polarization-Maintaining (PM) fiber. These two fibers are named based on the stress rods used. Stress rods run parallel to the fiber's core and apply stress that creates birefringence in the fiber's core, allowing polarization-maintaining. o fibers are designed for today's most advanced networks. Optimized for use at 1550 nm, these fi ers are used in all PM applications for data and telecom. Available from stock, these cables feature a high-quality polish, which leads to a typical return loss of 60 dB.

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Article Content

Polarization-Maintaining Single Mode Optical Fiber

This polarization-maintaining fiber is optimized for fiber optic gyroscope (FOG) applications. It is designed for optimal performance over a wide temperature

Polarization-Maintaining FC/APC Fiber Optic Patch Cables

These polarization-maintaining fiber optic patch cables are terminated on both ends with narrow key, ceramic-ferrule FC/APC connectors. Available from stock, these

1550nm Polarization Maintaining Fiber Connector/Patch Cable

These patch cords are available in stock with a high-quality polish that guarantees a typical return loss of over 60 dB. The test data table provides extinction ratio and insertion loss tests for each patch cord.

Polarization Maintaining 1550 nm Telecommunication Fiber

Optimized for use at 1550 nm, these fibers are used in all PM applications for data and telecom. Coherent has applied its unique manufacturing facility and capabilities to this product area and has

Polarization Maintaining (PM) Fiber

Fibercore''s industry leading polarization maintaining fiber (PM fiber), is designed for high performance interferometric and plarimetric sensors, integrated optics and communications.

F-PM1550 Polarization Maintaining Optical Fiber

The F-PM1550 Polarization Maintaining Fiber offers low attenuation and excellent birefringence for high performance applications. This Corning PANDA PM fiber

Specialty Fiber PANDA Fiber 1550 nm band

The fibers have a superior optical property and universal quality with not only low polarization crosstalk and low attenuation but also the broad suitability for fusion splice or optical connector.

1550nm FC

These cables are constructed using high-quality optical fibers and jacketing materials. Their reinforced connectors provide additional protection against wear and tear, making them ideal for both laboratory

Polarization Maintaining Fiber Optical Patch Cable

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These polarization-maintaining fiber optic patch cables are terminated on both ends with high-quality ceramic connectors, featuring polished to reach a return loss > 50 dB. Narrow key FC/PC Each cable

1550nm Fujikara PM Fiber Jumper Polarization

1550nm Fujikara PM Fiber Jumper Polarization Maintaining Fiber Optic Patch Cord Precise refractive index distribution Good load-carrying symmetry

POLARIZATION MAINTAINING FUSED FIBER COUPLERS / SPLITTERS

In general OZ Optics uses polarization maintaining fibers based on the PANDA fiber structure when building polarization maintaining components and patchcords. However OZ Optics can construct

Polarization-Maintaining Fiber Optical Patch Cable

SKU: FCPM 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

Thorlabs

Panda PM Fiber Cross Section These 1x2 Polarization-Maintaining (PM) Fiber Couplers are designed for operation at 1550 nm and are available with 50:50, 75:25, 90:10, or 99:1 coupling ratios. 1x2

Erbium-Doped Fiber Amplifiers (EDFA)

For additional flexibility, the EDFAs are available in single mode (SM) and polarization-maintaining (PM) models. The EDFA100S (X) and EDFA300S (X) SM amplifiers are polarization-insensitive, and the

Polarization Maintaining Patchcord

Specification Polarization Maintaining Patchcord GEZHI Polarization Maintaining (PM) patchcords are based on a high precision butt-style connection technique.

Ways to Reduce Angle Random Walk of Fiber-Optic Gyroscopes

Abstract We report and analyze various methods for reducing the angle random walk (ARW) of fiber-optic gyroscopes. The operating principle and noise theory of a fiber-optic gyroscope

Trusted PM Component Manufacturer | Baymro Tech

Baymro Technology supply all kinds of PM (Polarization Maintaining) components including isolator, circulator, combiner, coupler, faraday rotator, fiber mirror, WDM, patch cable and so on.

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F-PMC-1550-50 Polarization Maintaining Coupler

The F-PMC-1550-50 Polarization Maintaining (PM) Fiber Optic Coupler utilizes evanescent wave coupling to provide a fixed 50/50 ratio 2x2 coupler, with high

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Technical inquiry: https://zithatech.co.za/contact.html

This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

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