

FC PM ULTRA-HIGH PRECISION CONNECTOR

ADVANCED FIBER OPTIC TECHNOLOGY FOR PRECISION APPLICATIONS



360° Tunable

KEY FEATURES

Experience unparalleled accuracy and flexibility with our state-of-the-art FC PM Connectors, designed for the most demanding fiber optic applications. Our connectors stand out in the industry, offering unique features and benefits that set them apart from standard offerings.

360-Degree Adjustability Post-Bonding and Polishing

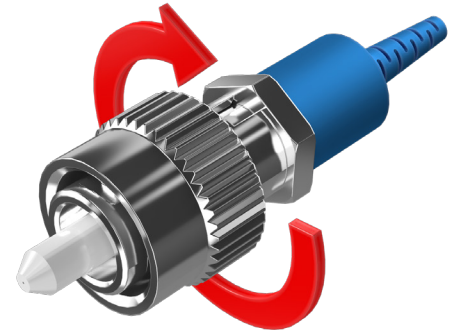
Unlike typical PM connectors that offer limited alignment options (usually every 60 degrees), our connectors boast a revolutionary design that allows for full 360-degree adjustment after fiber bonding and polishing. This feature provides unmatched precision and versatility in fiber alignment, ensuring optimal performance in any setup.

Exceptional Ferrule Rattling Tolerance

Our connectors demonstrate a ferrule rattling tolerance of only ± 0.5 degrees, marking the highest level of precision available in the market. This is a significant improvement over the typical ± 1.5 degrees tolerance found in competitor connectors, ensuring superior stability and reliability in your fiber optic connections.

Advanced Zirconia Ferrule

The incorporation of a special zirconia ferrule in our connectors not only enhances insertion loss (IL) but also significantly improves the extinction ratio. This results in a more efficient and reliable transmission of optical signals, making our connectors ideal for high-performance applications.



APPLICATIONS

- Space Exploration
- Medical Industry
- Semiconductor Manufacturing
- Measurement and Testing Equipment
- Sensor Technology

In conclusion, our FC PM Connectors are not just components; they are a testament to our commitment to innovation and excellence in fiber optic technology. They offer an unparalleled combination of precision, flexibility, and reliability, making them the perfect choice for your most critical and demanding fiber optic applications.

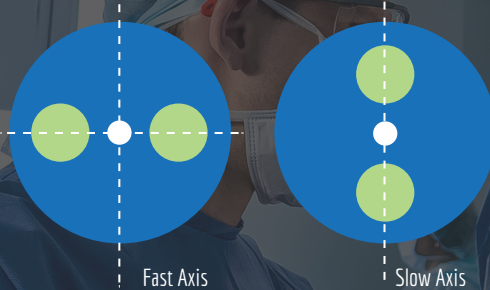
PIONEERING CUSTOM FIBER OPTIC SOLUTIONS FOR YOUR UNIQUE NEEDS

Toll free number 1-855-SNW-TECH
Please contact your local sales representative for further details or questions.

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POLARIZATION MODES



Demonstrating their high reliability and performance, the SANWA Ultra-High Precision PM Connectors have been utilized in various projects in the United States, underlining their capability to perform in the most challenging environments.

The SANWA high-quality PM connectors are designed for exceptional performance in fiber optic systems. With precision fabrication, these connectors ensure minimal insertion loss and high return loss, enhancing overall system efficiency. Their robust construction makes them suitable for various environments, ensuring reliability and longevity. Ideal for a wide range of applications, these connectors provide stable, consistent performance, making them a valuable component in any advanced optical network.

AVAILABLE OPTIONS

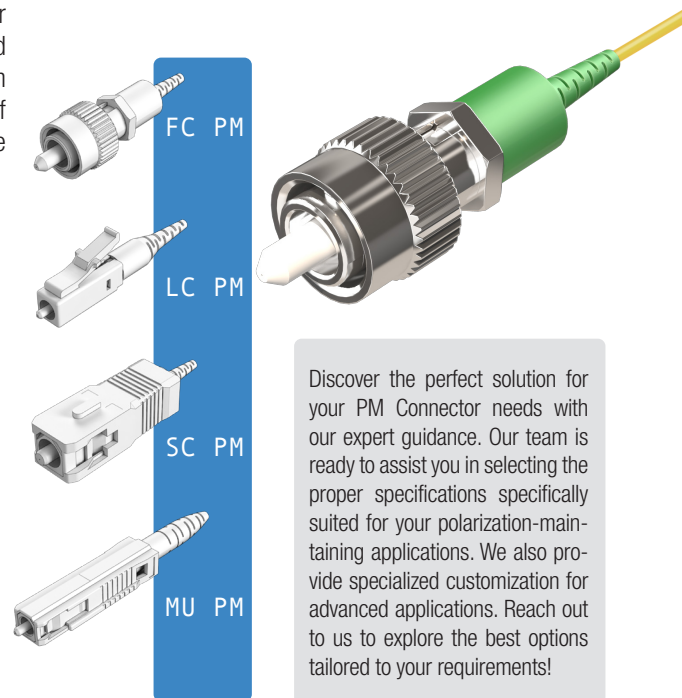
- LC, FC, SC, and MU available
- UPC and APC available
- 0.9mm, 2.0mm and 3.0mm boot

FEATURES

- Insertion loss (typical); 0.2dB or less
- Return loss (typical); PC = 55dB (UPC), 60dB (APC)
- Extinction ratio; 25dB or more
- UL94V-0 flammability grade
- RoHS and REACH compliant
- IEC, TIA/EIA GR-326-CORE compliant

APPLICATIONS

- Telecommunication Networks
- LANs, CATV
- Medical
- Fiber Optic Sensing
- Fiber Laser
- Optical Isolator
- Optical Amplifier



Discover the perfect solution for your PM Connector needs with our expert guidance. Our team is ready to assist you in selecting the proper specifications specifically suited for your polarization-maintaining applications. We also provide specialized customization for advanced applications. Reach out to us to explore the best options tailored to your requirements!