

Singlemode Fiber Optic Coupler

This singlemode coupler provides very low insertion loss, low polarization dependence, and excellent environmental stability. It performs power splitting and monitoring functions in optical communication systems.



Overview

Precision Optical Coupling

This singlemode fiber optic coupler is a precision-engineered optical component designed for efficient light coupling in single-mode fiber optic systems. Featuring a robust cylindrical housing, it ensures mechanical stability and superior protection for internal optical elements. The device is optimized for low insertion loss and high directivity, making it an ideal choice for optical communication networks, fiber optic sensors, and laboratory instrumentation.

Technical Specifications

Performance Highlights

0 dB

Low Insertion Loss

0 dB

High Directivity

Component Type	Singlemode Fiber Optic Coupler
Housing Design	Robust cylindrical housing

Applications

Typical Applications	Optical Communication Networks, Fiber Optic Sensors, Laboratory Instrumentation
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Identification

Model Identifier	L050055564
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