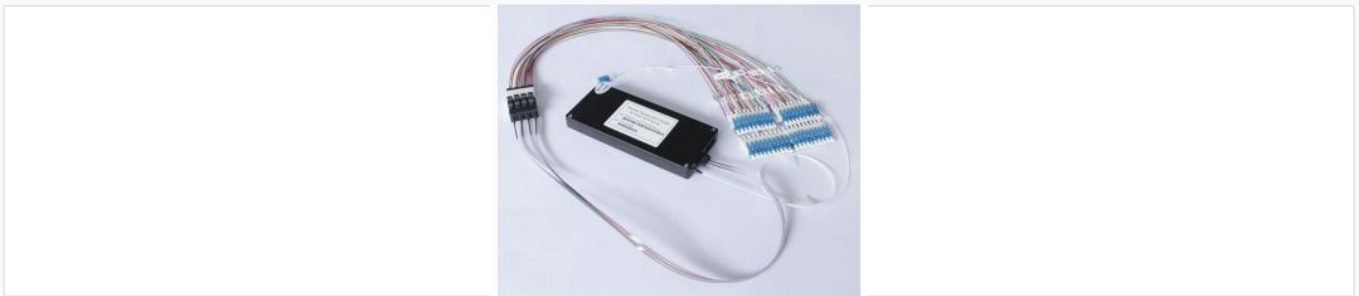


Singlemode Dual Window Fiber Optic Coupler

This singlemode dual window coupler offers low insertion loss and excellent environmental stability. It performs power splitting and monitoring functions in various optical communication systems.



Overview



Compact and stable fiber optic coupler design suitable for various signal splitting configurations.

High-Performance Fiber Management

This Singlemode Dual Window Coupler offers exceptional optical performance with very low insertion loss and high environmental stability. Designed for versatile signal splitting and monitoring, it supports both 1310 nm and 1550 nm wavelength windows. Available in multiple configurations including 250um bare fiber, 900um, and 3mm loose tube, this solution is engineered for long-haul telecommunications, CATV systems, and local area networks.

Performance

Key Performance Metrics

0.07 dB

Excess Loss (Typical)

3.6 dB

Max Insertion Loss (P-Grade)

0.7 dB

Max Uniformity (P-Grade)

Detailed Performance Comparison

Parameter	P-Grade	A-Grade
Coupling Ratio (%)	50/50	50/50
Excess Loss (Typical) (dB)	0.07	0.1
Max Insertion Loss (dB)	3.6	3.8
Uniformity (Max) (dB)	0.7	1.0

Technical Specifications



Precision optical signal management for diverse fiber environments.

Available Fiber Types

- 250um bare fiber
- 900um loose tube
- 3mm loose tube

Port Configurations

- 1x2
- 2x2

Wavelength Windows

1310 nm, 1550 nm

Applications

Primary Applications

Long-haul Telecommunications, CATV Systems, Fiberoptic Sensors, Local Area Network