



Muti- Mode Single Window Wideband Fiber Coupler

The Multi-Mode Broadband Fiber Coupler is used to split or combine signals between two or more fibers. It has single-window type. Using fused biconical taper technology, the device is designed and manufactured to meet Bellcore GR-1209-CORE requirements.

Features

- Low Excess Loss
- Good Uniformity
- Excellent Environmental Stability



Applications

- Data Link
- LAN
- Sensors

Specifications

Grade	Unit	P	A
Configuration			1x2 or 2x2
Operating Wavelength	(nm)		1310 or 1550
Insertion Loss*	(dB)	<4.0	<4.5
Uniformity(50/50)	(dB)	<0.4	<0.8
Typical Excess Loss**	(dB)	<1.0	<1.0
Temperature Sensitivity	(dB/°C)	<0.002	<0.002
Directivity	(dB)		>40
Maximum Power Handling	(mW)		500
Operating Temperature	(°C)		-40 to +70
Storage Temperature	(°C)		-40 to +85
Package Dimension	(mm) ³		

*for 50/50 split ratio

**measured under the stable mode condition with LED light source.

Optowaves MMC Series use Corning 62.5/125 fiber.

Ordering Information

MMC-□-□-□-□

Connectors:FC/APC,FC/UPC,SC/APC,SC/UPC,or Others

Fiber Type:025:ø0.25mm,09:ø0.9mm

Operating Wavelength:155:1550nm,131:1310nm

Type:1:1x2, 2:2x2