

Multi-Mode Fiber Coupler - Dual Window

The Multi-Mode Fiber Coupler is used to split or combine signals between two or more fibers. It has single and dual window. Using fused bi-conical 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

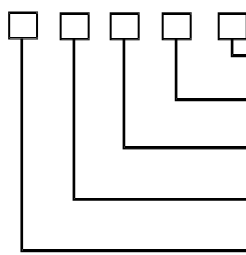
- Data Link
- LAN
- Fiber Optical Sensors

Specifications

Dual Window				
Item	Unit	Value		
Operating Wavelength	nm	850&1310±20		
Fiber Type	--	OM1/ OM2/ OM3/ OM4		
Directivity	dB	>36		
Return Loss	dB	>36		
Excess Loss	dB	Typ.<0.4 Max.<0.7		
Operating Wavelength	nm	850&1310±20		
Operating Temperature	°C	-10 to +70		
Storage Temperature	°C	-40 to +85		
Insertion Loss	dB	Coupling Ratio (%)	Tap	Signal
		03/97	14.0~19.5	≅ 0.90
		05/95	12.5~15.0	≅ 1.00
		10/90	9.00~12.0	≅ 0.20
		20/80	6.60~8.20	≅ 0.20
		33/67	5.00~6.40	≅ 0.20
		40/60	3.60~5.00	≅ 0.20
		50/50	2.80~4.00	

Ordering Information

MMC-



Coupling Ratio

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

Cable Type: 025:Φ0.25mm, 09:Φ0.9mm

Operating Wavelength: 83: 850&1310nm

Type: 1:1×2, 2:2×2