



Key Features

- Low Excess Loss
- Various Split Ratio
- Excellent Environmental Stability
- Offering Compact Packages

Applications

- Access network
- CATV systems & fiber optic sensor
- FTTx
- Networks TAP monitoring



Coupler/ PLC

Multimode Coupler

Parameter Specifications

Parameters	Performance Specifications			Units
Type	Multimode Fused Couplers			
Operating Wavelength	850 or 1310 or 1550			nm
Structure	1 x 2 or 2 x 2			
Insertion Loss	50:50	≤4.0/4.0		dB
	40:60	≤5.0/3.3		
	30:70	≤6.2/2.5		
	20:80	≤8.0/1.9		
	10:90	≤11.00/1.5		
PDL	≤0.20			dB
Return Loss	≥40			dB
Directivity	≥40			dB
Fiber Length	≥1.0			m
Fiber Type	62.5/125 OM1 or 50/125 OM3 or OM4			
Fiber Diameter	250μm bare fiber	900μm loose tube	2mm or 3mm jacket	
Package	3 x 54	3 x 60	90 x 20 x 9.5	mm

Notes:

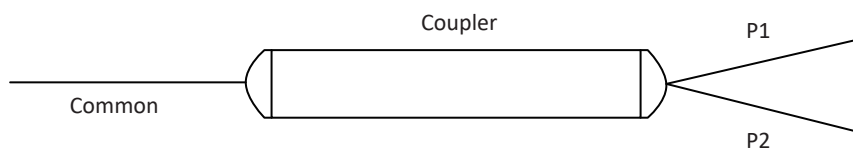
- The above specs exclude connector loss; each pair of connectors adds 0.2dB.

Operating Conditions

Parameters	Performance Specifications	Units
Maximum Power handling	500	mW
Operating Temperature*	-5 ~ +70	°C
Storage Temperature	-40 ~ +85	°C
Operation Humidity	5 to 95 % Relative Humidity	

* Contact us for your Industrial temperature application.

Mechanical Dimensions



Unit: mm

Part Number Scheme: Multimode Coupler

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