

Multi-mode Fiber Coupler

Features

- Low Excess Loss
- Various Coupling Ratio
- Compact Size

Applications

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



Performance Specifications:

Parameter	Unit	Spec
Operating Wavelength	nm	850
Port Configuration	/	1 * 2
Coupling Ratio	%	1 / 99
Insertion Loss	dB	≤ 22.5 / 0.6
Uniformity	dB	≤ 1.0
Directivity	dB	≥ 35
Excess Loss	dB	≤ 0.8
Operating temperature	°C	-20 ~ +70
Storage temperature	°C	-40 ~ +85
Fiber type	/	62.5/125 with 900um loose tube
Optical Power	W	1 ~ 2
Package Dimensions	mm	Φ3.0 x L60mm stainless steel tube

Note: All values referenced are without connectors.

With connector, IL will be 0.3dB higher, RL 5dB lower.

Package Dimensions:





Ordering Information:

S-	Type	Grade	Wavelength	Coupling Ratio or Attenuation (dB)	Port	Package	Pigtail Style	Fiber Length	In/Out Connector
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	↓	P=P Grade	85 = 850nm	01 = 1/99	0102=1x2 0202=2x2	↓	1=Bare Fiber 2=900um tube	1=1m 2=2m	0=None 1=FC/APC 2=FC/PC 3=SC/APC 4=SC/PC 5=ST 6=LC/PC 7=LC/APC
	M = Multimode Fiber Coupler					A= Package A B = Package B C = Package C D = Package D			

For Example: S-M-P-85-01-0102-B-2-1-66