



Mini Size Single Mode Standard Coupler

Features

- Mini size
- Low excess loss
- Low PDL
- High stability and reliability

Applications

- Mini size EDFA
- Mini size transmitter/receiver module
- Optical communication systems
- Testing instruments

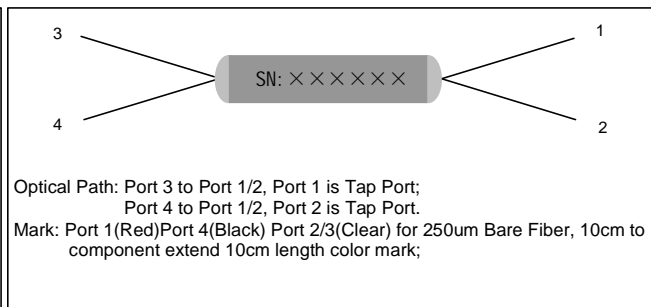
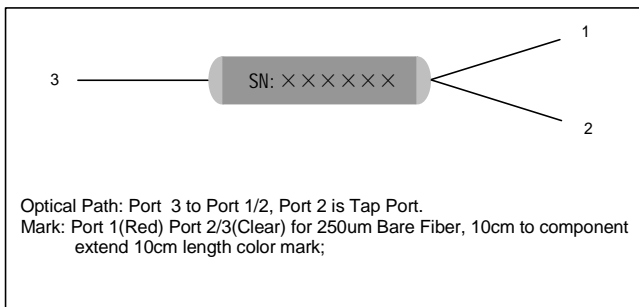
Specifications

Parameter	Wavelength	1310,1480,1550±20nm	
	Max. IL(dB)	CR	
50/50		3.5	3.6
40/60		4.5/2.7	4.60/2.80
30/70		5.8/2.0	5.90/2.10
20/80		7.7/1.3	7.80/1.40
10/90		10.85/0.75	11.30/0.75
5/95		14/0.45	14.50/0.50
3/97		16.35/0.35	16.85/0.40
2/98		18.25/0.35	18.80/0.35
1/99		21.5/0.3	21.80/0.30
Max. PDL(dB)	0.1/99.9	28~32/0.3	28~32/0.3
	CR ≥ 30%	0.1	0.1
	30% > CR ≥ 1%	0.15	0.15
	CR < 1%	NA	
Min. Return Loss (dB)		50	
Min. Directivity (dB)		50	
Max. Power handling (mW)		500	
Max. TDL (dB)		0.15	
Operating temperature(°C)		-5~75	
Storage temperature (°C)		-40~85	
Fiber type		SMF-28e	SMF-28e
Dimension: Φ×L(mm)		3×30,2.4×30	3×25,2.4×25

*Above specifications are for device without connector.

*For devices with connectors, IL should be 0.3dB higher, and RL will be 5dB lower.

Package Dimensions



Ordering Information

MSMC-①①-②③③-④④④④-⑤⑤⑤⑤-⑥⑦-⑧

①①: Wavelength
31 - 1310nm
48 - 1480nm
55 - 1550nm
SS - Specify

③③: Coupling Ratio
0.1 - 0.1/99.9
01 - 1/99
02 - 2/98
03 - 3/97
05 - 5/95
10 - 10/90
20 - 20/80
30 - 30/70
40 - 40/60
50 - 50/50
SS - Specify

④④④④: Connector Type
1 - FC/UPC
2 - FC/APC
3 - SC/UPC
4 - SC/APC
N - None
S - Specify
⑤⑤⑤⑤: Fiber Jacket
B - 250um Fiber
S - Specify

⑥: Fiber Length
1 - 1.0m
S - Specify
⑦: Package
1 - 2.4×30
2- 3.0×30
3- 2.4×25
4- 3.0×25