

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

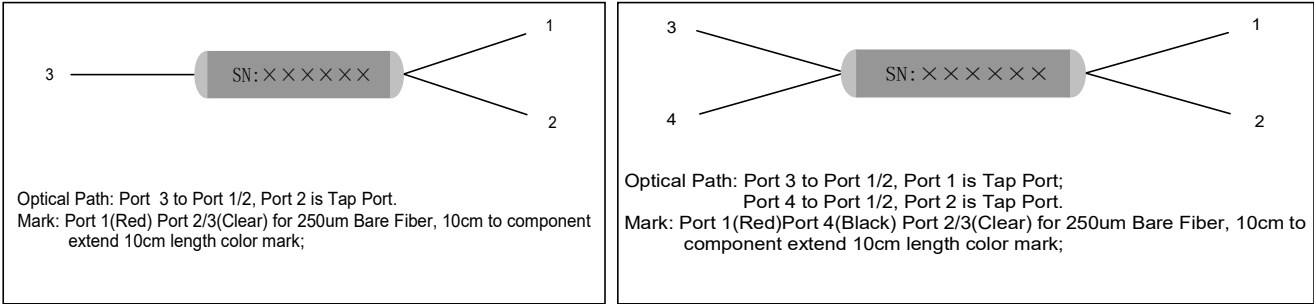
Wavelength		1310,1480,1550±20nm	
Parameter			
Max. IL(dB)	CR		
	50/50	3.5	3.6
	40/60	4.5/2.7	4.60/2.80
	30/70	5.8/2.0	5.90/2.10
	20/80	7.7/1.3	7.80/1.40
	10/90	10.85/0.75	11.30/0.75
	5/95	14/0.45	14.50/0.50
	3/97	16.35/0.35	16.85/0.40
	2/98	18.25/0.35	18.80/0.35
	1/99	21.5/0.3	21.80/0.30
	0.1/99.9	28~32/0.3	28~32/0.3
Max. PDL(dB)	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.

* The material must be RoHS compliant.

Package Dimensions



Ordering Information

MSMC-①①-②-③③-④④④④-⑤⑤⑤⑤⑤-⑥-⑦⑦-⑧⑧

- 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

1B - FC/UPC

2B - FC/APC

3B - SC/UPC

4B - SC/APC

N - None

S - Specify
- ⑤⑤⑤⑤⑤: Fiber Jacket

B - 250um Fiber

S - Specify
- ⑥: Fiber Length

1 - 1.0m

S - Specify
- ⑦⑦: Fiber type

09 - SMF-28e Fiber
- ⑧⑧: Package

19 - Ø3.0x30

20 - Ø3.0x25

21 - Ø2.4x25

22 - Ø2.4x30