

Mini Size Single Mode Dual Window Broadband 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

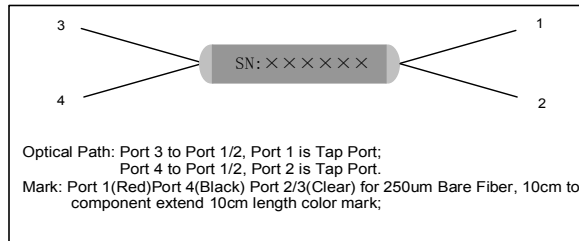
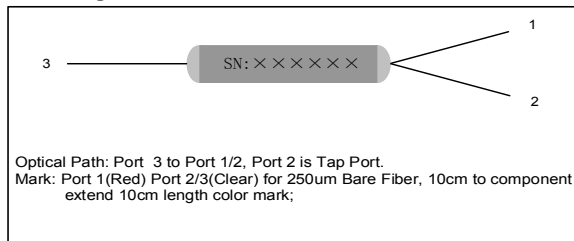
Specifications

Parameter	Wavelength	1310 and 1550±40nm	
	Max. IL(dB) @Central wavelength	CR	
50/50		3.6	3.7
40/60		4.70/2.70	4.80/2.80
30/70		6.00/2.00	6.10/2.10
20/80		7.90/1.30	8.00/1.40
10/90		11.30/0.75	11.50/0.80
5/95		14.50/0.45	14.50/0.50
3/97		16.70/0.35	16.85/0.40
2/98		18.65/≤0.35	18.80/0.35
1/99		21.80/0.30	22.00/0.30
Max. PDL(dB)	0.1/99.9	28.00~32.00/0.30	28.00~32.00/0.30
	CR≥30%	0.15	0.15
	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) @CR≥1%		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

AMSDC-①①-②-③③-④④④④-⑤⑤⑤⑤-⑥-⑦

①①: Wavelength

31 - 1310nm

48 - 1480nm

55 - 1550nm

SS - Specify

②: Port

1 - 1X2

2 - 2X2

③③: Coupling Ratio

01 - 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