Single Mode Standard Coupler 1064nm

Features

Low Insertion Loss

High Quality and Reliability

Applications

Optical Amplifier

Fiber Lasers

Testing Systems

Specifications

Parameters	Unit	Values					
Grade		P					
Center Wavelength	nm	1064					
Operating Wavelength Range	nm	±10					
Coupling Ratio	%	01/99	05/95	10/90	20/80	30/70	50/50
Max. Insertion Loss	dB	21.5/0.25	14.7/0.5	10.9/0.7	7.5/1.2	5.7/1.9	3.5
Max. PDL (Tap/Through Port)	dB	0.1					
Max. Excess Loss	dB	0.15					
Thermal Stability	dB/℃	≤ 0.002dB/℃ over -20°C to +70 °C					
Min. Directivity	1X2	50 dB					
	2X2	60 dB					
Fiber type		Corning Hi 1060 (not flex type)					
Package Dimensions		250um Bare Fiber and dia. 3.0mmX48mm					
		900um Loose Tube and dia. 3.5mmX66mm					
Max. Optical Power (CW)	mW	300					
Max. Tensile Load	N	5					
Operating Temperature	°C	-20 °C to +70 °C					

*Above specifications are for device without connector.

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

Ordering Information

ASMC-①-②②-③③-④-⑤-⑥-⑦-⑧

① :Port

1 - 1X2

2 - 2x2

②② : Wavelength

06- 1064nm

③③: Coupling Ratio

01 - 01/99

05 - 05/95

10 - 10/90

20 - 20/80

30 - 30/70

50 - 50/50

④ : Grade

P - P grade

⑤:Connetor Type

1 - FC/UPC

2 - FC/APC

3 - SC/UPC

4 - SC/APC

5 - LC/UPC

6 - ST/UPC

N - None

S - Specify

⑥: Fiber Type

B - 250um Bare Fiber

L - 900um Loose Tube

⑦:Fiber Length

1 - 1m

S - Specify

⑧ : Fiber Option

H- Corning Hi 1060