Single Mode Dual Window Wavelength Flattened Coupler

Features

Wide Bandwidth and Low Insertion
Low Insertion Loss
High Quality and Reliability

Applications

Fiber Distribution Network
CATV Network
Test Equipment

Specifications

Parameters	Unit	Values
Center Wavelength	nm	1310 and 1550
Operating Wavelength Range	nm	±40
Coupling Ratio	%	01/99 05/95 10/90 50/50
Max. Insertion Loss	dB	23.5/0.3 15.2/0.4 11.3/0.6 3.6
Max. PDL	dB	0.15
Max. Excess Loss	dB	0.10
Thermal Stability	dB/℃	≤ 0.002 over -5 °C to +70 °C
Min. Directivity	1X2	55
	2X2	65
Package Dimensions		250um Bare Fiber and dia. 3.0mmX48mm
		900um Loose Tube and dia. 3.5mmX66mm
		3mm Loose Cable and 90mmX16mmX9mm
Max. Optical Power (CW)	mW	500
Max. Tensile Load	N	5
Fiber Type		SMF-28e Fiber
Operating Temperature	°C	-5 to + 70
Storage Temperature	°C	-40 to + 85

*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

ASDC-①①①①-②-③③-④④-⑤⑤-⑥

①①①①: Wavelength
3155 - 1310 & 1550nm
SSSS - Specify

②: Port
1 - 1X2
2 - 2X2

③③: Coupling Ratio
01 - 01/99
05 - 05/95
10 - 10/90
50 - 50/50
SS - Specify

④④: Connector Type on Port 1 & 2
1 - FC/UPC
2 - FC/APC
3 - SC/UPC
4 - SC/APC
N - None
S - Specify

⑤⑤: Fiber Jacket on Port 1 & 2
B - 250um Bare Fiber
L - 900um Loose Tube
C - 3mm Loose Cable
S - Specify

⑥: Fiber Length
1 - 1.0m
S - Specify