

# Single Mode Dual Window Coupler

## Features:

- Low Insertion Loss
- Low PDL
- Customized Ratio Available
- Compact Size

## Applications:

- Power Management
- Power Monitor
- Test Equipment
- Fiber Sensor



## Specifications:

Split Ratio(%)	Grade	Insertion Loss(dB)	PDL(dB)
50:50	P	≤3.7/3.7	≤0.1/0.1
	A	≤3.9/3.9	≤0.15/0.15
40:60	P	≤4.7/2.8	≤0.1/0.1
	A	≤5.0/2.9	≤0.15/0.12
30:70	P	≤6.0/2.0	≤0.14/0.1
	A	≤6.4/2.1	≤0.16/0.12
20:80	P	≤8.0/1.5	≤0.14/0.1
	A	≤8.2/1.6	≤0.18/0.1
10:90	P	≤11.8/0.7	≤0.14/0.1
	A	≤12.0/0.9	≤0.2/0.1
05:95	P	≤15.0/0.5	≤0.2/0.1
	A	≤16.0/0.6	≤0.25/0.1
02:98	P	≤20.0/0.3	≤0.25/0.1
	A	≤21.0/0.35	≤0.25/0.1
01:99	P	≤23.0/0.26	≤0.25/0.1
	A	≤24.0/0.13	≤0.25/0.1
Central Wavelength(nm)	1310/1550,1480/1550		
Bandwidth(nm)	± 40		
Directivity(dB)	≥55		
Operating Temperature(°C)	0~ 70		
Storage Temperature(°C)	-40~85		
Maximum Power Handling(mw)	500		
Packge Dimension(mm)	SB: (Φ)3×(L)54 for bare fiber		
	SL: (Φ)3.0×(L)60 for 900um loose tube		
	CB: (Φ)3.0×(L)40 for bare fiber		
	CL: (Φ)3.0×(L)46 for 900um loose tube		

1. All specifications include the effect of all states of polarization.

2. Values referenced without connectors, insertion loss for a connector-pair is 0.20dB to 0.30dB.