

Single Mode Dual Window Compact Coupler

Features

- Compact Size
- Low Excess Loss
- Low Polarization Dependent Loss
- Any Split Ratio
- Dual Operating Window

Applications

- Mini Size Optical Module
- Fiber Communication Systems
- Mini Size EDFA
- Testing Instruments



Performance Specifications

Parameter		Maximum Insertion Loss	Maximum PDL	Unit
Central Wavelength		1310/1550, 1480/1550		nm
Bandwidth		± 40		nm
50:50	Premium	3.7/3.7	0.1/0.1	dB
	Grade A	3.9/3.9	0.15/0.15	
40:60	Premium	4.7/2.8	0.1/0.1	dB
	Grade A	5.0/2.9	0.15/0.12	
30:70	Premium	6.0/2.0	0.14/0.1	dB
	Grade A	6.4/2.1	0.16/0.12	
20:80	Premium	8.0/1.5	0.14/0.1	dB
	Grade A	8.2/1.6	0.18/0.1	
10:90	Premium	11.8/0.7	0.14/0.1	dB
	Grade A	12.0/0.9	0.20/0.1	
05:95	Premium	15.0/0.5	0.20/0.1	dB
	Grade A	16.0/0.6	0.25/0.1	
02:98	Premium	20.0/0.3	0.25/0.1	dB
	Grade A	21.0/0.35	0.25/0.1	
01:99	Premium	23.0/0.26	0.25/0.1	dB
	Grade A	24.0/0.3	0.25/0.1	
Directivity		≥ 55		dB
Return Loss		≥ 50		dB
Operating Temperature		-10 to 70		°C
Storage Temperature		-40 to 85		°C
Fiber Type		SMF28		
Max Power Handling		500		mW
Package Dimension	Bare Fiber	Φ 3.0×36		mm
	900 μm Loose tube	Φ 3.0×42		mm
	2mm,3mm Jacket	60×12×6.4		mm

Mechanical Dimensions(mm)

