

Single Window Standard Monolithic 4X4 fiber Coupler

Product Features

- Low insertion loss
- High return loss
- High stability and reliability

Product Applications

- Fiber communication on system test
- Optical passive component test
- Optics lab use

Specifications

Parameter	Value	
Operating Wavelength(nm)	1310	1550
Grade	P	
Bandwidth(nm)	±20	
Coupling Ratio (%)	25/25/25/25	
Max. Insertion Loss (dB)	8.0	7.8
Band Central Uniformity (dB)	≤ 0.8	
Wavelength Dependent Loss (dB)	±1.2	±1.4
Polarization Dependent Loss (dB)	≤ 0.10	
Thermal Stability (dB/°C)	≤ 0.002	
Directivity (dB)	≥ 55	
Return Loss (dB)	≥ 55	
Lead length (m)	1 meter, others on request	

* The above specification is without connector.

** Other specifications can be made on customer request.

Ordering Information

Configuration	4X4		
Lead Type	250um bare fiber	900um loose tube	2mm loose cable
Package Dimensions (mm)	φ 3.5×40	φ3.5×56	90×16×9
Operating Temperature (°C)	-40 to +85	-20 to +70	-20 to +70

Ordering Information						
SC	Configur ation	Central Wavelen gth	Coupling Ratio (%)	Pigtail Type	Fiber Length	Connector
	4X4	1310nm 1550nm Specify	1:99 20:80 40:60 50:50 Specify	250um bare fiber 900um loose tube Specify	0.5m 1m 1.5m 2m Specify	N=None FC/APC FC/UPC SC/APC SC/UPC LC/UPC Specify