



Single Mode Wideband Monolithic 1X5 Couplers

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
工作波长 Operating Wavelength (nm)	1310nm or 1550nm
带宽 Bandwidth (nm)	±40
结构 Configuration	1×5
耦合比 Coupling Ratio (%)	20/20/20/20/20
附加损耗 Excess Loss (dB)	≤0.2
最大插入损耗 Max. Insertion Loss (dB)	7.8
一致性 Uniformity (dB)	≤1.0
波长敏感损耗 Wavelength Dependent Loss (dB)	0.6
偏振敏感损耗 Polarization Dependent Loss (dB)	≤0.12
温度稳定性 Thermal Stability (dB/°C)	≤0.002
方向性 Directivity (dB)	≥50
回波损耗 Return Loss (dB)	≥50
尾纤长度 Lead length (m)	1 meter, others on request
光纤类型 Fiber Type	Corning SMF-28e

* The above specification is without connector.

** Other specifications can be made on customer request.

PACKAGE INFORMATION			
结构 Configuration	1×5		
尾纤类型 Lead Type	0: bare fiber	1: 900um loose tube	2: 3mm loose cable (or 2mm)
封装尺寸 Package Dimensions (mm)	A: $\phi 4.0 \times 40$	A: $\phi 4.0 \times 56$	C: $106 \times 79 \times 10$
工作温度 Operating Temperature (°C)	-40 to +85	-20 to +70	-20 to +70

Ordering Information						
SWM C	Configuration	Central Wavelength	Coupling Ratio (%)	Pigtail Type	Fiber Length	Connector
	1X5	1310nm 1550nm Specify	20: 20:20:20:20 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