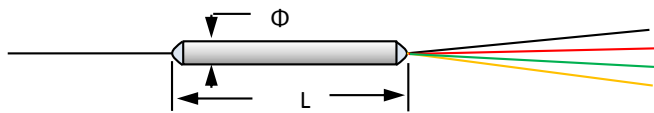


1×4 SM Monolithic Fiber Coupler 1310 1550nm

The 1310, 1550, 1310&1550nm 1×4 SM Monolithic Fiber Coupler is built by using fused biconical taper (FBT) technology. It can be used to split the input signal at various ratios with low insertion loss.



Features

- Low Excess Loss
- Broadband
- High Reliability & Stability
- Various Coupling Ratio

Applications

- Fiber Instrument
- Luminous Power Feedback
- Fiber Sensor
- Lab & Research

Performance Specification

Parameter	Value		Unit
Configuration	1X4 or customized		
Center Wavelength	1310, or 1550	1310 and 1550	nm
Bandwidth	±40		nm
Coupling Ratio	25/25/25/25		%
Max. Excess Loss	0.3		dB
Max. Insertion Loss	6.6	7.0	dB
Max. Uniformity (50/50)	0.6	1.0	dB
Max.WDL	0.4	0.8	dB
Max. PDL	0.15		dB
Min. Directivity	50		dB
Min. Return Loss	50		dB
Max. Thermal Stability	0.002		dB/°C
Fiber Type	SMF-28e Fiber		
Operating Temperature	-40 to +80		°C
Storage Temperature	-50 to +85		°C
Package Dimension	∅3.0×L40 for 250um bare fiber, ∅3.0×L56 for 900um loose tub		mm

Note

* Above specifications are for device without connectors.

* Specifications may change without notice.

Ordering Information

SMMC-AAAA-BB-CC-D-EE-FF

AAAA	BB	CC	D	EE	FF
Wavelength	Port	Fiber Type	Fiber Jacket	Fiber Length	Connector
1310 - 1310nm	14 - 1X4	SM - SMF-28e Fiber	B - 250um Bare Tube	05 - 0.5m	NE - None
1550 - 1550nm	SS - Specify	SS - Specify	L - 900um Loose Tube	08 - 0.8m	FA - FC/APC
1315 - 1310&1550			C - 3.0mm Cable	10 - 1.0m	FP - FC/PC
				15 - 1.5m	SA - SC/APC
				SS - Specify	SP - SC/PC
					LA - LC/APC
					LP - LC/PC
					SS - Specify