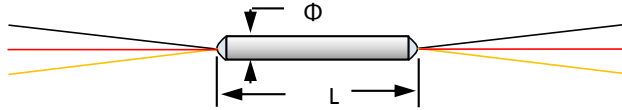


3×3 SM Monolithic Fiber Optic Coupler 1610, 1620, 1625, 1650nm

The 1610, 1620, 1625, 1650 nm 3×3 SM Monolithic Fiber Optic Coupler is built by using fused biconical taper (FBT) technology. It can be used to split the input signal at 33:33:33 even ratios with low insertion loss.



Features

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

Applications

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

Performance Specification

Parameter	Value	Unit
Configuration	3X3 or customized	
Center Wavelength	1610, 1620, 1625, 1650 or Customized	nm
Bandwidth	±15	nm
Coupling Ratio	33/33/33	%
Typ. Excess Loss	0.3	dB
Max. Insertion Loss	6.5	dB
Max. Uniformity	1.6	dB
Max. PDL	0.2	dB
Min. Directivity	55	dB
Fiber Type	Corning SMF-28e Fiber or customized	
Operating Temperature	-40 to +85	°C
Storage Temperature	-50 to +85	°C
Package Dimension	Φ3.0×L54 for 250um bare fiber, Φ4.0×L70 for 900um loose tube	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
1610 - 1610nm	33 - 3X3	SM - SMF-28e Fiber	B - 250um Bare	05 - 0.5m	NE - None
1620 - 1620nm	SS - Specify	SS - Specify	Tube	08 - 0.8m	FA - FC/APC
1625 - 1625nm			L - 900um Loose	10 - 1.0m	FP - FC/PC
1650 - 1650nm			Tube	15 - 1.5m	SA - SC/APC
SSSS - Specify			C - 3.0mm Cable	SS - Specify	SP - SC/PC
					LA - LC/APC
					LP - LC/PC
					SS - Specify