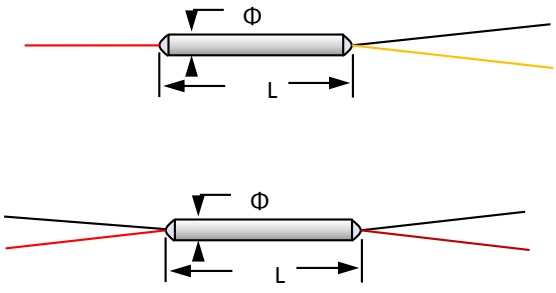
1×2, 2×2 Multi-mode Fiber Coupler 1310nm

The 1310nm 1×2, 2×2 Multi-mode Fused 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. 50/125, 62.5/125, OM3 multimode fibers are available.



Features

Low Excess Loss
High Reliability & Stability
Various Coupling Ratio

Applications

CATV
Long-haul Telecom
Local Area Network
Fiber Sensor
Lab & Research

Performance Specification

Parameter		Value	Unit
Configuration		1X2, 2X2, or 1XN	
Center Wavelength		1310	nm
Bandwidth		±40	nm
Max. Excess Loss		0.7	dB
Max. Insertion Loss	50/50	3.7/3.7	dB
	40/60	4.7/2.7	dB
	30/70	6.0/2.1	dB
	20/80	7.8/1.4	dB
	10/90	11.2/0.9	dB
	5/95	14.5/0.7	dB
	2/98	18.6/0.6	dB
	1/99	22.0/0.5	dB
Max. Uniformity (50/50)		0.5	dB
Min. Directivity		40	dB
Fiber Type		50/125um, 62.5/125um Multi-mode Fiber, or OM3 Fiber	
Operating Temperature		-40 to +80	℃
Storage Temperature		-50 to +85	℃
Package Dimension		Φ3.0×L54	mm

Note

** Above specifications are for device without connectors.*
** Specifications may change without notice.*

Ordering Information

MMC-AAAA-BB-CC-DD-E-FF-GG

AAAA	BB	CC	DD	E	FF	GG
Wavelength	**Port**	**Coupling Ratio**	**Fiber Type**	**Fiber Jacket**	**Fiber Length**	**Connector**
1310 - 1310nm SSSS - Specify	12 - 1X2 22 - 2X2 SS - Specify	01 - 01/99 02 - 02/98 04 - 04/96 05 - 05/95 10 - 10/90 20 - 20/80 30 - 30/70 50 - 50/50 SS - Specify	50 - 50/125um Fiber 62 - 62.5/125um Fiber OM - OM3 Fiber SS - Specify	B - 250um Bare Tube L - 900um Loose Tube C - 3.0mm Cable	05 - 0.5m 08 - 0.8m 10 - 1.0m 15 - 1.5m SS - Specify	NE - None FA - FC/APC FP - FC/PC SA - SC/APC SP - SC/PC LA- LC/APC LP - LC/PC SS - Specify

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