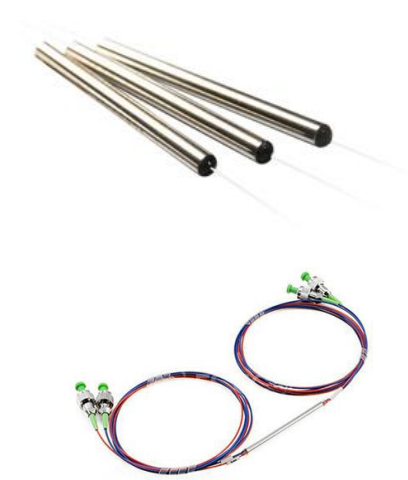


1260 ~ 1620 nm Full Range Wavelength Independent Couplers



FEATURES

- ✓ Full Range Wavelength Independent Operation
- ✓ Low Insertion Loss
- ✓ Low PDL
- ✓ High Reliability

APPLICATIONS

- Optical Communication System
- FTTH
- CATV
- Fiber Sensor Systems
- Optical Test System

Specifications			
Parameters		Grade P	Grade A
Port		1x2 or 2x2	
Operating Wavelength (nm)		1260 ~ 1620	
Bandwidth (nm)		1260 ~ 1620	
Insertion Loss (dB)	50/50	≤3.8	≤4.0
	40/60	≤5.1/3.1	≤5.3/3.3
	30/70	≤6.4/2.3	≤6.7/2.5
	20/80	≤8.3/1.6	≤8.8/1.8
	10/90	≤11.5/1.05	≤12.2/1.2
	5/95	≤14.6/0.8	≤15.0/0.9
	2/98	≤18.8/0.7	≤19.5/0.8
	1/99	≤22.0/0.65	≤23.0/0.75
PDL (dB)		≤0.15	≤0.20
Directivity (dB)		≥55	
Fiber Type		SMF-28e Compatible; Others on Request	
Working Temperature (°C)		-40 ~ +85	
Package (mm)		250μm Bare Fiber: Steel Tube, Φ3 × 54 / 45 0.9 mm Loose Tube: Steel Tube, Φ3 × 54 2 mm or 3 mm Cable: ABS Box, 90 × 20 × 10	

Notes: All the data are tested without connectors. Insertion loss of one pair of connector is less than 0.3 dB.

Other specifications can be made on customer request.



Optical Components, Fiber Optic Devices, Modules, and more.

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Email: sales@lfiber.com

Order Information

	Port	Split Ratio	Grade	Wavelength	Fiber Type	Pigtail	Package	Fiber Length	Connector
Full-band Coupler	1 × 2	50/50	P	1260 ~ 1620	SMF-28e	250 μm	Φ3 × 54	0.50 ± 0.05 m	None
	2 × 2	40/60	A		Custom ...	0.9 mm	90×20×10	1.00 ± 0.1 m	LC/UPC
		30/70				2 mm	Custom ...	Custom ...	LC/APC
		20/80				3 mm			SC/UPC
		10/90							SC/APC
		5/95							FC/UPC
		2/98							FC/APC
		1/99							Custom ...



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