

80μm Mini Size Single Mode Wide Band Coupler / Splitter

Features

- Low Excess Loss
- High Power Handling
- Compact Size
- Telcordia GR-1221 Compliant

Applications

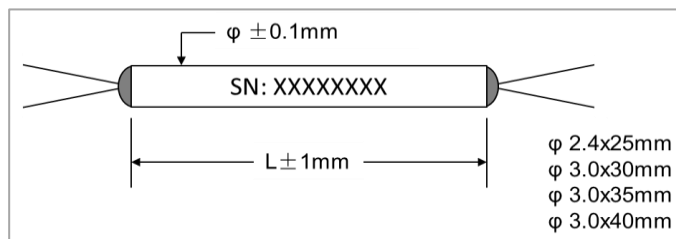
- Optical Communication System
- Fiber Sensor
- Testing instruments
- Gyro

Specifications

Parameters		Unit	Grade P	Grade A
Operating Wavelength		nm	1310, 1550	
Operating Bandwidth		nm	±40	
Port Configuration			1x2 or 2x2	
Max Excess Loss		dB	0.15	0.20
Insertion loss	50/50	dB	≤3.6	≤3.8
	40/60	dB	≤4.8/2.8	≤4.9/3.0
	30/70	dB	≤6.0/2.1	≤6.3/2.2
	20/80	dB	≤8.0/1.3	≤8.2/1.4
	10/90	dB	≤11.5/0.75	≤11.8/0.85
	5/95	dB	≤14.5/0.50	≤15.0/0.55
	2/98	dB	≤18.5/0.35	≤19.2/0.4
	1/99	dB	≤22/0.25	≤22.2/0.35
Fiber Type		Corning RC SMF 10/80/165; Corning RC 1300 5.5/80/165; Corning RC 1550 6.5/80/165;		
PDL		dB	≤0.1	≤0.15
Return Loss		dB	≥50	
Directivity		dB	≥50	
Fiber Length		m	1m, other on request	
Pigtail Type			165μm Bare Fiber	
Dimensions(mm)		mm	φ2.4×25; φ3.0×30; φ3.0×35; φ3.0×40;	
Operating Temperature		°C	-40 ~ +85	

*For devices with connectors, IL+0.3dB, RL-5dB.

Package Size



Ordering Information

CP- ①-②-③③③-④④④④-⑤⑤⑤⑤⑤-⑥⑥⑥⑥-⑦⑦⑦⑦⑦-⑧-⑨⑨-⑩⑩⑩⑩⑩⑩⑩⑩

①	Type	W=Wide Band Coupler;
②	Grade	P=Grade P; A=Grade A;
③	Port Type	1x2; 2x2;
④	Wavelength	1310; 1550;
⑤	Coupling Ratio	1/99; 2/98; 3/97;; 50/50;
⑥	Pigtail Type	165=165μm Bare Fiber;
⑦	Fiber Type	RC10=RC SMF 10/80/165; RC05=RC 1300 5.5/80/165; RC06=RC 1550 6.5/80/165;
⑧	Length	1=1m; X=Other;
⑨	Connector	NE=None; FA=FC/APC; FC=FC/UPC; SA=SC/APC; SC=SC/UPC; LC=LC/UPC; XX=Others;
⑩	Package	2.4x25; 3.0x30; 3.0x35; 3.0x40;