

RC80um Mini Size Single Mode Wide Band Coupler

Features	
Low excess loss & low IL & low PDL Mini Size High stability and reliability	
Application	
Fiber Sensor Testing instruments	

Specifications:

Parameter		Grade P	Grade A
Operating wavelength (nm)		1550	
Operating bandwidth (nm)		±40	
Typical excess loss (dB)		0.07	0.10
Insertion loss (dB)	50/50	≤3.6	≤3.8
	40/60	≤4.6/2.8	≤4.9/3.0
	30/70	≤5.9/2.1	≤6.3/2.2
	20/80	≤7.8/1.3	≤8.2/1.4
	10/90	≤11.2/0.75	≤11.8/0.85
	5/95	≤14.5/0.5	≤15.0/0.55
	2/98	≤18.5/0.35	≤19.2/0.4
	1/99	≤21.5/0.25	≤22.2/0.35
PDL (dB)		≤0.1	≤0.15
Directivity (dB)		≥55	
Operating temperature (°C)		40 ~ +85	

Package Information

Configuration	1x2 or 2x2
Fiber length	0.8m, others on request
Fiber Type	RC80, SM1550
Pigtail type	170µm bare fiber
Dimensions(mm)	φ2.4×25; φ3.0×30; φ3.0×35; φ3.0×40;

Ordering Information

CP	Type	Grade	Port Type	Wavelength (nm)	Coupling Ratio	Pigtail Type	Fiber Type	Length	Package
	W=Wide band coupler	P A	1x2	1550	1/99 2/98 3/97 50/50	170=170um bare fiber	6=RC80, SM1550	0.8= 0.8m X:other	2.4x25 3.0x30 3.0x35 3.0x40