

## RC80 Fiber Mini Size Single Mode Standard Coupler

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

**Specifications:**

Parameter	Grade P	Grade A	
Operating wavelength (nm)	1550		
Operating bandwidth (nm)	±15		
Typical excess loss (dB)	0.07	0.10	
Insertion loss (dB)	50/50	≤3.5	≤3.7
	40/60	≤4.5/2.7	≤4.8/2.9
	30/70	≤5.8/2.0	≤6.1/2.1
	20/80	≤7.7/1.25	≤8.0/1.3
	10/90	≤11.2/0.7	≤11.8/0.85
	5/95	≤14.5/0.45	≤15.0/0.55
	2/98	≤18.5/0.3	≤19.2/0.35
	1/99	≤21.5/0.25	≤22.2/0.3
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
	S= Single mode standard coupler	P A	1x2 2x2	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