

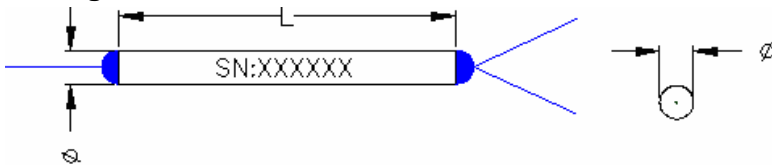
RC80um 1x2 (2x2) Fused PM Coupler

Features	
Low Insertion Loss & High Extinction Ratio High Reliability	
Applications	
Fiber Sensor	

Specification

Grade		Unit	P grade	A grade
Central Wavelength		nm	1550	
Bandwidth		nm	± 15	
Excess Loss		dB	≤ 0.3	≤ 0.4
Extinction Ratio		dB	≥ 20	≥ 18
Directivity		dB	≥ 55	
Insertion Loss	50/50	dB	≤ 3.4	≤ 3.6
	40/60	dB	$\leq 4.4/2.8$	$\leq 4.7/3.0$
	30/70	dB	$\leq 5.6/1.9$	$\leq 5.75/2$
	20/80	dB	$\leq 7.6/1.4$	$\leq 8.0/1.5$
	10/90	dB	$\leq 11.2/0.85$	$\leq 11.6/1.0$
	5/95	dB	$\leq 14.2/0.6$	$\leq 14.8/0.8$
	2/98	dB	$\leq 16.8/0.35$	$\leq 17.4/0.45$
	1/99	dB	$\leq 21.5/0.3$	$\leq 22/0.4$
Port Type			1x2 ,2x2	
Fiber Type			Fujikura Panda fiber	
Operating Temperature		°C	-20 ~ +75	
Storage temperature		°C	-40 ~ +85	
Pigtail			165um bare fiber	
Dimensions		mm	$\phi 3 \times 30$	

Package Dimensions



Ordering Information

CP-PS	Grade	Port	Wavelength	Coupling	Pigtail	Fiber	length	Package
PM Fused Coupler	P=P grade A=A grade	1x2 2x2	1550	50/50 40/60 30/70 S=Specify	165=165um bare fiber	6=RC80, PM1550	0.8=0.8m S=Specify	3x30