

## 1x3 80µm RC Fused PM Fiber Standard Coupler

### Features

- Low Excess Loss
- High Power Handling
- Both Axis Working
- Telcordia GR-1221 Compliant

### Applications

- Optical Amplifier
- Power Monitoring
- Coherent Communication
- Fiber Gyroscope

### Specifications

Parameters	Unit	Value
Port Configuration		1x3
Operating Wavelength	nm	1550
Operating Bandwidth	nm	±15
Excess Loss	dB	≤0.6 (Typ. 0.3)
Polarization Extinction Ratio	dB	≥18
Power Handling	W	≤2
Operating Temperature	°C	-40 ~ +85
Storage Temperature	°C	-40 ~ +85

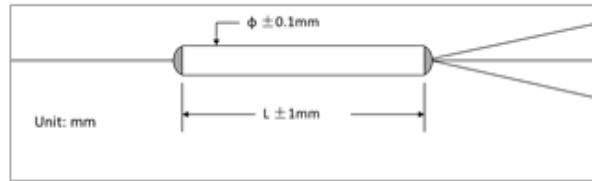
### Splitting Ratio Tolerance (%)

Splitting Ratio	Grade P		Grade A	
	Through Port	Coupling Port	Through Port	Coupling Port
5:90:5	±2.5	±1.5	±3.0	±1.8
10:80:10	±2.8	±1.6	±3.2	±2.0
15:70:15	±3.0	±1.8	±3.5	±2.4
20:60:20	±3.3	±2.0	±3.7	±2.5
25:50:25	±3.5	±2.4	±4.0	±3.0
30:40:30	±4.0	±3.0	±5.0	±4.0
33:33:33	±6.0	±6.0	±8.0	±8.0
35:30:35	±4.0	±5.0	±5.0	±6.0
40:20:40	±5.0	±6.0	±6.0	±7.0

### Package Information

Configuration	1x3
Fiber Length	0.8m, others on request
Fiber Type	Panda RC80 Fiber
Pigtail Type	170µm Bare Fiber
Dimensions(mm)	φ3x30

**Package Size**



**Ordering Information**

**CP- ①①-②③③③-④④④④-⑤⑤⑤⑤⑤-⑥⑥⑥-⑦-⑧⑧⑧-⑨⑨-⑩⑩⑩⑩⑩**

①	Type	PI=Polarization Insensitive;
②	Grade	P=Grade P; A=Grade A;
③	Port Type	1x3;
④	Wavelength	1550;
⑤	Coupling Ratio	EVEN; 5:90:5; 10:80:10; ...; 40:20:40;
⑥	Pigtail Type	170=170um Bare Fiber;
⑦	Fiber Type	PMRC80;
⑧	Length	0.8=0.8m;
⑨	Connector	NE=None; FA=FC/APC; FC=FC/UPC; SA=SC/APC; SC=SC/UPC;
⑩	Package	3x30;