

1x3 (3x3)PM Fused Coupler

Features:
Low insertion loss & High PER High stability and reliability
Application:
Fiber sensor Fiber Laser

Specifications:

Parameter	Type	1x3 FPMC	3x3 FPMC
Operating Center wavelength (nm)		650, 780, 850, 980, 1064, 1030, 1310, 1550	
Operating bandwidth (nm)		+/-20	
Excess Loss(dB)		0.8	1.0
Extinction Ratio(dB)		≥18	≥18
Directivity (dB)		≥50	
Operating temperature (°C)		-40 ~ +85	

1x3 Splitting Ratio & Tolerance

Splitting Ratio	Maximum Splitting Ratio Tolerance (%)	
	Through Port	Coupling Port
5/90/5	±2.5	±1.5
10/80/10	±2.8	±1.6
20/60/20	±3.3	±2.0
33/33/33	±6.0	±6.0
40/20/40	±5.0	±6.0

Package Information

Configuration	1x3 or 3x3
Fiber length	0.5m, others on request
Fiber Type	Panda Fiber
Dimensions(mm)	3x60mm for bare fiber 3x70mm for 0.9mm tube

Ordering Information

Product	Wavelength	Port	CR	000	Package	Fiber	Pigtail	Length
FPMC	55=1550 06=1064 31=1310 SS=Other	3=1x3 6=3x3	E=EV EN X=other	000	1=3x60mm 2=3x70mm	1=PM1550 2=PM980	0=250um bare fiber 1=0.9mm loose tube	H=0.5m 8=0.8m 1=1.0m S=Other