

780-2050nm High power polarization-maintaining fused coupler(20W)

Features

High tolerable power
Low insertion loss
High stability & reliability

Application

Coherent communication system
Power monitoring&Optical fiber amplifier
Optical fiber sensing&Optical fiber communications

Specifications

Parameter		Unit	Value			
Central wavelength		nm	2050, 2000,1950	1550,1480,1310	1064,1030, 980	850,808,780
Operating bandwidth		nm	±15	±15	±10	±10
Maximum additional loss		dB	0.8	0.5	0.6	0.8
Minimum extinction ratio		dB	16	20	20	18
Minimum directivity		dB	50			
Minimum return loss		dB	55			
Maximum optical power		W	5,10,20 or Specified			
Package dimensions	Input power<10	mm	φ3x60			
	Input power≤20	mm	70x12x8			
Operating temperature		℃	-5~+75			
Storage temperature		℃	-40~+85			
Allow splitting ratio						
Splitting ratio	50	%	±3.0			
	40	%	±2.5			
	30	%	±2.0			
	20	%	±1.5			
	10	%	±1.0			
	5	%	±0.7			
	1	%	±0.3			

When using the Connector, the processing power is only 1W, the Insertion loss is 0.3dB higher, the return loss is

Package dimensions



Ordering information

HFPMC-①①①①-②③③-④④④-⑤⑤⑤-⑥⑦⑧⑨

①①①①:Wavelength 1064=1064nm 1550=1550nm SSSS=Specify	②:Port type 1=1x2 2=2x2	③③:Splitting ratio 01=1/99 05=5/95 SS=Specify	④④④:Fiber type 001=PM1550 003=PM980 SSS=Specify	⑤⑤⑤:Power 05=5W 20=20W SS=Specify
⑥:Package dimensions 3=φ3.0x60mm 1=70x12x8mm S=Specify	⑦:Pigtail type 1=250um bare fiber 2=900um loose tube S=Specify	⑧:Length H=0.5m 1= 1.0m S=Specify	⑨:Connector 0=None 1=FC/UPC 2=FC/APC S=Specify	