

1*2 Polarization Maintaining Optical Coupler

Features

Low Insertion Loss
 High Return Loss
 High Extinction Ratio
 High Reliability
 High Stability

Applications

EDFA & Raman Amplifier
 Fiber Sensor
 Fiber Optical Instrument
 Power Monitoring System

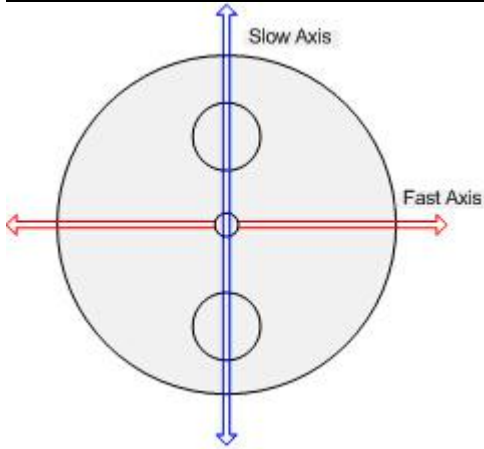


Specifications

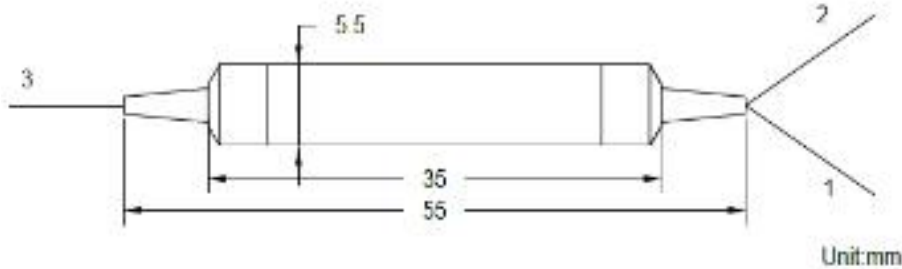
Parameter		Unit	Value	
Type		-	1x2	
Center Wavelength		nm	1310,1550	1064
Operating Wavelength Range		nm	±40	±20
Excess Loss		dB	0.7	0.8
Uniformity (only for 50/50)		dB	0.4	0.5
Coupling Ratio		dB	01/99~50/50	
Min. Extinction Ratio	only for F type	dB	22	22
Min.Return Loss		dB	50	
Max.Optical Power(CW)		mW	300	
Max.Tensile Load		N	5	
Fiber Type	Tap Port	-	SMF-28e, HI1060 or PM Panda Fiber	
	Port 1 & 3	-	PM Panda Fiber	
Operating Temperature		°C	-5~+70	
Storage Temperature		°C	-40~+85	

For device with connector, IL is 0.3dB higher, RL is 5dB lower, ER is 2dB lower;
 The default connector key is aligned to slow axis;
 For Type 1x2, routing path is 3 to 1,2(tap).

Fast and slow axis



Package Dimensions



Ordering Information

Center wavelength	Tap ratio	Axis alignment	Fiber type for tap	Fiber type for port	Pigtail type	Fiber length	Connector type
1550=1550 nm	01=1%,	F=Slow axis	1=PM	1=PM	0=250 bare fiber,	1m	0=FC/UPC,
1310=1310 nm	02=2%,	axis working	Panda fiber aligned,	Panda fiber,	1=900um loose tube,	2m	1=FC/APC,
.....	05=5%,	Fast axis blocked,	2=smf-28e,	2=SMF-28e,	2=2.0mm loose tube,	etc.	2=SC/UPC,
.....,	B=Both of axis working	3=hi1060	3=Hi1060	3=3.0 loose tube		3=SC/APC,
0850=850 nm	50=50%						4=LC/UPC,
							5=LC/APC