

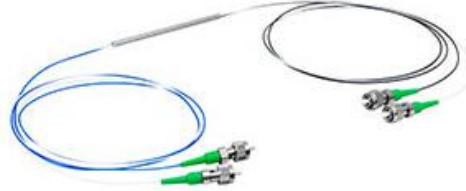
## 2\*2 Polarization Maintaining Optical Coupler

### 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

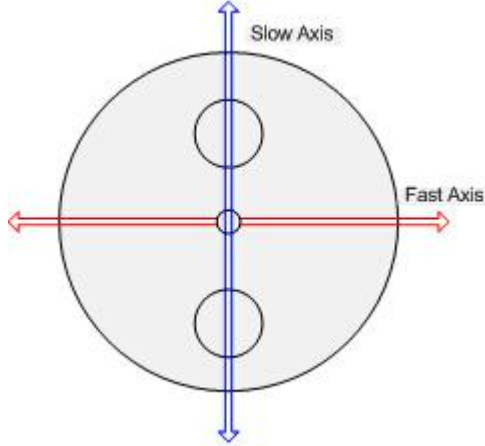
Parameter	Unit	Value	
Type	-	2x2	
Center Wavelength	nm	1310,1550	1064
Operating Wavelength Range	nm	±40	±20
Excess Loss	dB	1.0	1.2
Uniformity (only for 50/50)	dB	0.6	0.8
Coupling Ratio	dB	01/99~50/50	
Min. Extinction Ratio	only for F type	dB	22
Min.Return Loss	dB	50	
Max.Optical Power(CW)	mW	300	
Max.Tensile 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;

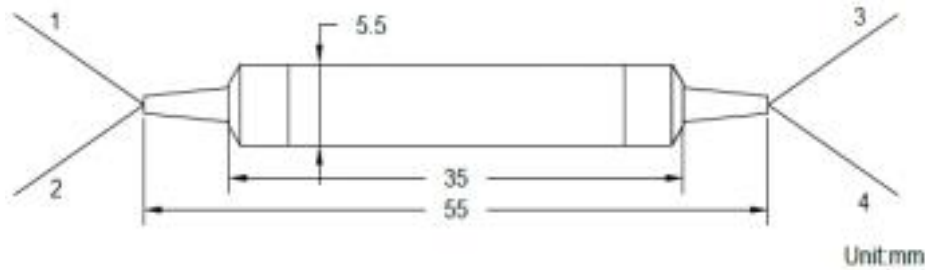
The default connector key is aligned to slow axis;

For Type 2x2, routing path is 1 to 3, 4(tap), 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	1m	0=FC/UPC,
1310=1310 nm	02=2%,	axis working	Panda fiber aligned,	Panda fiber,	bare fiber,	2m	1=FC/APC,
.....	.....,	Fast axis blocked,	2=smf-28e,	2=SMF-28e,	1=900um loose tube,	etc.	2=SC/UPC,
0850=850 nm	05=5%,	B=Both of axis working	3=hi1060	3=Hi1060	2=2.0mm loose tube,		3=SC/APC,
.....	.....,				3=3.0 loose tube		4=LC/UPC,
	50=50%						5=LC/APC