2x2 Polarization Maintaining Optical Circulator

Features

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

Applications

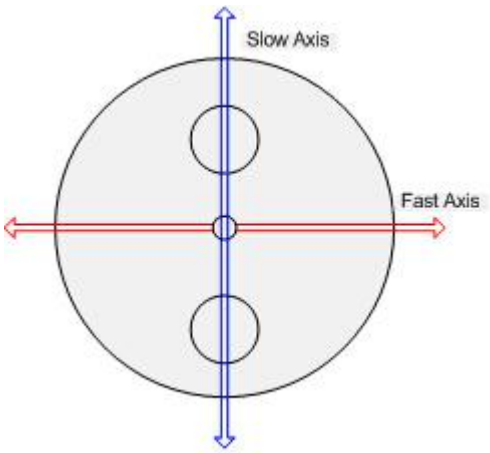
EDFA & Raman Amplifier
Fiber Sensor
Fiber Instrument

Specifications

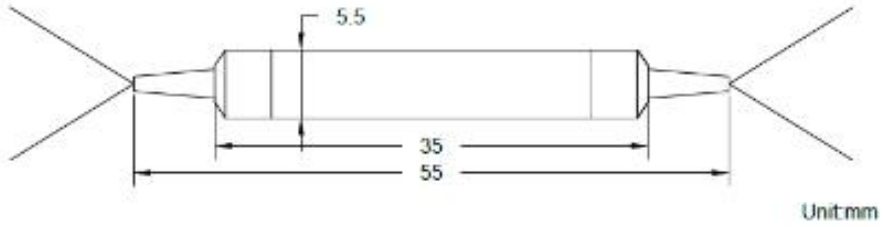
Parameter	Unit	Value		
Type	-	Type A	Type B	
Center Wavelength	nm	1310& 1550	1310 &1550	1064
Operating Wavelength Range	nm	±30	±20	±5
Typ.Peak Isolation 23℃	dB	50	30	30
Min.Isolation at 23℃	dB	40	20	28
Typ.Insertion Loss at 23℃	dB	0.8	0.7	2.1
Max.Insertion Loss at 23℃	dB	1.1	1.0	2.8
Min.Extinction Ratio	dB	20	20	20
Min.Cross Talk	dB	50		
Min.Return Loss	dB	50		
Max.Optical Power(CW)	mW	300		
Max.Tensile Load	N	5		
Fiber Type	-	PM Panda Fiber		
Operating Temperature	℃	-5~+70		
Storage Temperature	℃	-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;

Fast and slow axis



Package Dimensions



Ordering Information

wavelength	Stage	Axis Alignment	Pigtail type	Fiber length	Connector type
1550=1550nm, 1310=1310nm, ..., 0850=850nm	A=A grade, B=B grade	F=Slow axis working, Fast axis blocked	0=250 bare fiber, 1=900um loose tube, 2=2.0mm loose tube, 3=3.0 loose tube	1m 2m etc.	0=FC/UPC, 1=FC/APC, 2=SC/UPC, 3=SC/APC, 4=LC/UPC, 5=LC/APC