

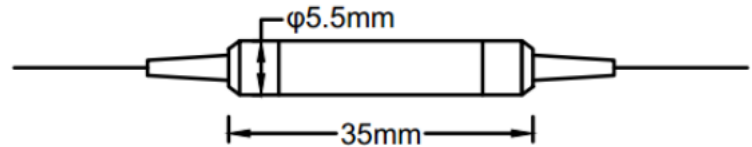
Polarization Insensitive Isolator

Descriptions

Anylink provides Polarization Insensitive Isolator.

Features

- ▶ High Isolation
- ▶ Low Insertion Loss
- ▶ High Return Loss
- ▶ Low PDL
- ▶ Epoxy Free in Optical Path



Applications

- ▶ Optical Fiber Amplifier
- ▶ CATV Networks
- ▶ Optical Fiber Lan
- ▶ Fiber Optic Instruments

Specifications

Parameter	Unit	Values			
Stage	-	Single		Dual	
Grade	-	P	A	P	A
Center Wavelength	nm	1310, 1550			
Operating Wavelength Range	nm	± 15			
Typ. Peak Isolation at 23℃	dB	42	40	58	55
Min. Isolation at 23℃	dB	30	30	50	48
Typ. Insertion Loss at 23℃	dB	0.3	0.4	0.4	0.5
Max. Insertion Loss at (-5~70℃)	dB	0.5	0.6	0.6	0.7
Min. Return Loss (input/output)	dB	60/55	60/55	60/55	60/55
Max.PDL at 23℃	dB	0.05	0.1	0.06	0.10
Max.PMD	ps	0.25	0.25	0.02	0.05
Max. Optical Power(CW)	mW	500			
Max. Tensile Load	N	5			
Fiber Type	-	SMF-28e fiber			
Operating Temperature	℃	-5~+70			
Storage Temperature	℃	-40~+85			

Remark: * PMD<0.05ps is available. Please refer to below ordering information

*For devices with connectors, IL will be 0.3dB higher and RL will be 5dB lower

Ordering Information

PII - A - B - C - D - E - F - G - H		
A	Stage	S=Single Stage, D=Dual Stage
B	Wavelength	1310=1310nm, 1480=1480nm, 1550=1550nm L=L Band S=Special
C	Grade	P=Premium Grade A=Average Grade S=Special Grade
D	Tube Type	0.9=0.9mm loose tube, 2= 2.0mm loose tube, 3= 3.0mm loose tube, etc
E	Fiber Type	1=SMF-28e
F	Connector Type	N=None, LC/UPC, LC/APC, SC/UPC, SC/APC, FC/UPC, FC/APC, etc
G	Package Size	5.5x35mm
H	Fiber length	003=0.3m, 005=0.5m; 010=1.0m 100=10m etc
For example: PII-D-1310-P-0.9-1-LC/UPC-5.5x35-010		