Optizone 2000nm Polarization Insensitive Isolator

Features

Low Insertion Loss
High Isolation
Low PDL
Low Cost

Applications

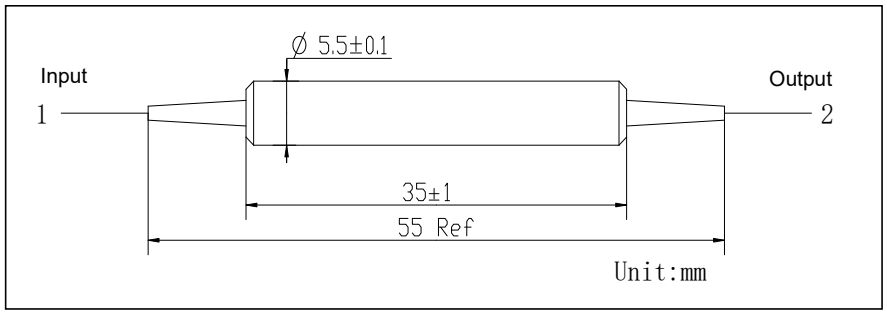
Optical Fiber Amplifier
Fiber Optic Sensor
Instrumentation
R&D
Fiber Lasers
Radar

Specifications

Parameters	Units	Values	
Stage	-	Single Stage	Dual Stage
Center Wavelength	nm	2000	
Operating Wavelength Range	nm	±50	
Min. Isolation at 23℃	dB	18	32
Typ. Insertion Loss at 23℃	dB	0.8	1.0
Max.Insertion Loss	dB	1.1	1.3
Max.Polarization Dependent Loss	dB	0.15	0.20
Min. Return Loss (Input/Output)	dB	50 / 50	50 / 50
Max. Optical Power (CW)	mW	500	
Max. Tensile Load	N	5	
Fiber Type	-	SMF-28e Fiber or SM 1950 Fiber	
Operating Temperature	℃	-5 to +70	
Storage Temperature	℃	-40 to +85	

*Above specifications are for device without connector.
*For devices with connectors, IL will be 0.3dB higher and RL will be 5dB lower.

Package Dimensions



Ordering Information

PII-①①①①-②-③-④-⑤-⑥⑥-⑦⑦-⑧-⑨

①①①①: Wavelength
2000 - 2000nm
S - Specify

②: Stage
S - Single Stage
D - Dual Stage

③③: Handling Power
0.5 - 0.5W
S - Specify

④④: Connector Type on Port 1 & 2
1A - FC/UPC
2A - FC/APC
3D - SC/UPC
4D - SC/APC
N - None
S - Specify

⑤⑤: Fiber Jacket on Port 1 & 2
B - Bare Fiber
C - 900um Red Loose Tube
F - 900um White Loose Tube
SS - Specify

⑥: Fiber Type
5 - SMF-28e Fiber
K2 - SM 1950 Fiber
S - Specify

⑦: Fiber Length
0.8 - 0.8m
S - Specify

⑧: Package Type
01 - Ø5.5×35
S - Specify