Optizone 2000nm High Power Polarization Insensitive Isolator

Features

Low Insertion Loss
High Isolation
Low PDL
Low Cost
High Power Handling Capability

Applications

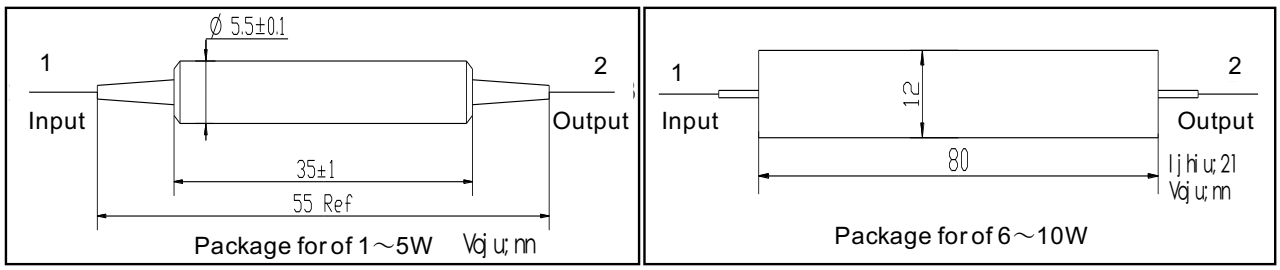
Optical Fiber Amplifier
Fiber Optic Sensor
Instrumentation
R&D
Fiber Lasers
Radar

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	1,2	1,4
Max.Polarization Dependent Loss	dB	0,15	0,20
Min. Return Loss (Input/Output)	dB	50 / 50	50 / 50
Max. Optical Power (CW)	W	1, 3, 5 or Specify	
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, RL will be 5dB lower, optical power is only 1W.

Package Dimensions



Ordering Information

HPII-①①-②-③-④④-⑤⑤-⑥⑥-⑦

①①: Wavelength
20 - 2000nm

②: Fiber Type
1- SMF-28e Fiber
2 - SM 1950 Fiber

③: Stage
S - Single Stage
D - Dual Stage

④④:Handling Power
01 - 1W
SS - Specify

⑤⑤: Connector Type on Port 1 & 2
1 - FC/UPC
2 - FC/APC
3 - SC/UPC
4 - SC/APC
N - None
S - Specify

⑥⑥: Fiber Jacket on Port 1 & 2
B - 250um Bare Fiber
L - 900um Loose Tube
S - Specify

⑦: Fiber Length
0.8 - 0.8m
S - Specify