2000nm High Power Isolator/Filter Wavelength Division Multiplexer Hybrid

Features

All Fiber Construction
High Reliability
Outstanding Optical Performance
Cost Effective
High Power Handling Capability

Applications

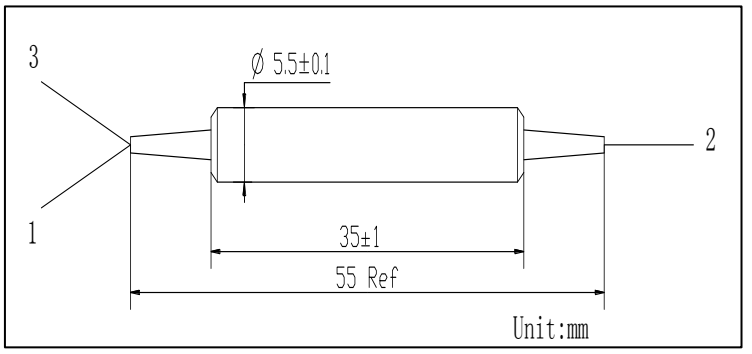
Fiber Optical Test Equipment
Fiber Sensor
Fiber Lasers
Optical Fiber Amplifier
R&D
Radar

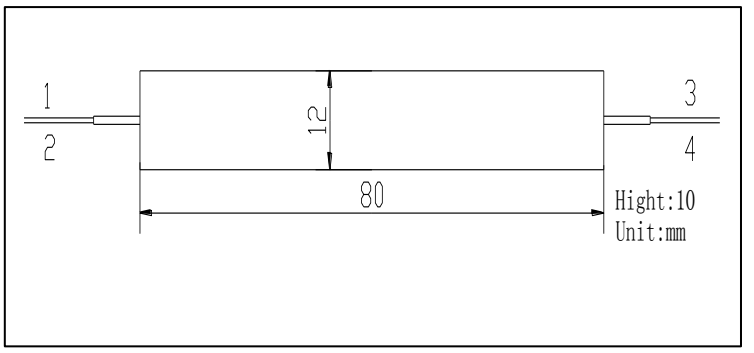
Specifications

Parameters		Unit	Values	
Stage			Single Stage	Dual Stage
Pass Band	Wavelength Range	nm	2000±50	
	Max. Insertion Loss@P→C or C→P	dB	1.1	1.3
	Typ. Insertion Loss@P→C or C→P	dB	0.8	1.0
	Min. Isolation, port 1 to port 3 (Forward Pump) or port 3 to port 1 (Backward Pump), @2000±50 nm, 23℃	dB	18	32
	Typ. Reflection Isolation(@1550~1650nm, 23℃)	dB	30	
	Min. Reflection Isolation(@1550~1650nm, 23℃)	dB	25	
Reflection Band	Wavelength Range	nm	1550~1590	
	Typ. Insertion Loss@C→R	dB	0.6	
	Max. Insertion Loss@C→R	dB	0.8	
	Typ. Pass Isolation(@2000±50 nm, 23℃)	dB	15	
	Min. Pass Isolation(@2000±50nm, 23℃)	dB	12	
Max. PDL		dB	0.15	0.20
Min. Return Loss		dB	50	
Max. Optical Power (CW)		W	1, 3, 5 or Specify	
Max. Tensile Load		N	5	
Fiber Type			SMF-28e 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

AHPIWDM-①①①①-②-③-④④-⑤⑤⑤-⑥⑥⑥-⑦

①①①①: Wavelength
2057 - 2000nm Pass
/1570nm Reflect

②: Pump Type
F - Forward Pump
B - Backward Pump

③: Stage
S - Single Stage
D - Dual Stage

④④: Handling Power
01 - 1W
SS - Specify

⑤⑤⑤: Connector Type on Port 1, 2 & 3
1 - FC/UPC
2 - FC/APC
3 - SC/UPC
4 - SC/APC
N - None
S - Specify

⑥⑥⑥: Fiber Jacket on Port 1, 2 & 3
B - 250um Bare Fiber
L - 900um Loose Tube
S - Specify

⑦: Fiber Length
1 - 1.0m
S - Specify