Optizone 2000nm High Power Filter Wavelength Division Multiplexer

Features

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

Applications

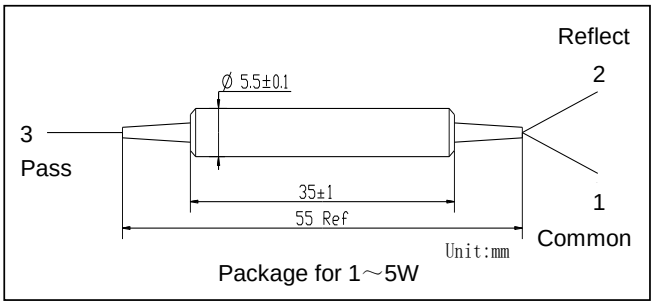
Fiber Optical Test Equipment
Fiber Sensor
Fiber Lasers
Optical Fiber Amplifier
R＆D
Radar

Specifications

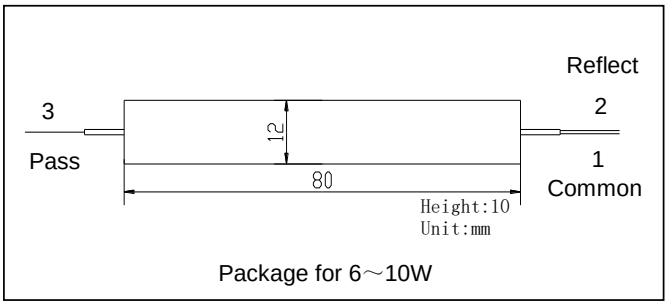
Parameters		Unit	Values
Pass Band	Wavelength Range	nm	1950~2050
	Max. Insertion Loss	dB	0.9
	Typ. Insertion Loss	dB	0.7
	Min. Isolation	dB	25
	Typ. Isolation	dB	30
Reflection Band	Wavelength Range	nm	1550~1590
	Max. Insertion Loss	dB	0.7
	Typ. Insertion Loss	dB	0.5
	Min. Isolation	dB	12
	Typ. Isolation	dB	15
Min. Return Loss		dB	50
Min. Directivity(over 1550~1590nm)		dB	55
Max. PDL		dB	0.1
Typ. PDL		dB	0.05
Thermal Stability		dB/℃	≤0.005
Max. Optical Power (CW)		W	1, 3, 5 or Specify
Max. Tensile Load		N	5
Fiber Type			SMF-28e Fiber, SM 1950 Fiber or Specify
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.
*The material must be RoHS compliant.

Package Dimensions



Package for 1～5W



Package for 6～10W

Ordering Information

HPFWDM-①①①①-②②-③③③-④④④-⑤-⑥⑥-⑦⑦

①①①①: Wavelength
2055 - 2000nm Pass / 1550nm Reflect
SSSS - Specify

②②: Handling Power
01 - 1W
SS - Specify

③③③: Connector Type on Port 1, 2 & 3
1B - FC/UPC
2B - FC/APC(Step)
N - None
S - Specify

④④④: Fiber Jacket on Port 1, 2 & 3
B - 250um Fiber
F - 900um Loose Tube(White)
S - Specify

⑤: Fiber Length
1 - 1.0m
S - Specify

⑥⑥: Fiber Type
01 - SMF-28e Fiber (all ports)
12 - SM1950 Fiber
S - Specify

⑦⑦: Package Dimensions
01 - Ø5.5x35
08 - 80*12*10