



**Features**

All Fiber Construction  
 High Reliability  
 Outstanding Optical Performance  
 Cost Effective

**Applications**

Fiber Optical Test Equipment  
 Fiber Sensor  
 Fiber Lasers  
 Optical Fiber Amplifier

**Specifications**

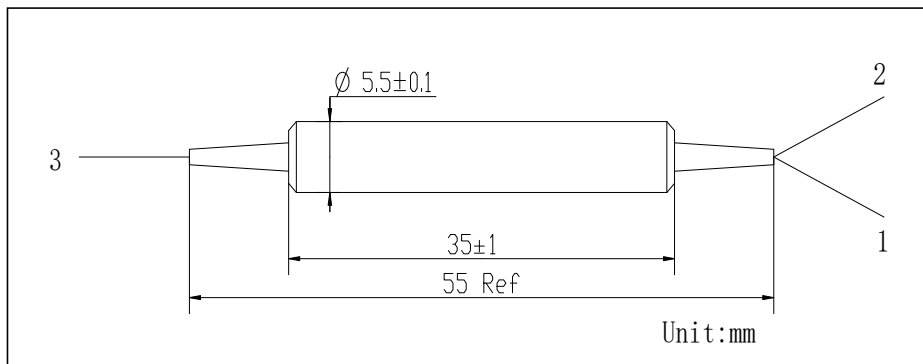
Parameters		Unit	Values	
Stage			Single Stage	Dual Stage
Pass Band	Wavelength Range	nm	1950~2050	
	Max. Insertion Loss@P→C or C→P	dB	1.1	1.3
	Typ. Insertion Loss@P→C or C→P	dB	0.8	1.0
	Min. Isolation, port 1 to port 3 (Forward Pump) or port 3 to port 1 (Backward Pump), @1950~2050nm, 23°C	dB	18	32
	Typ. Reflection Isolation(@1550~1590nm, 23°C)	dB	30	
	Min. Reflection Isolation(@1550~1590nm, 23°C)	dB	25	
Reflection Band	Wavelength Range	nm	1550~1590	
	Typ. Insertion Loss@C→R	dB	0.5	
	Max. Insertion Loss@C→R	dB	0.7	
	Typ. Pass Isolation(@1950~2050nm, 23°C)	dB	15	
	Min. Pass Isolation(@1950~2050nm, 23°C)	dB	12	
Max. PDL	dB		0.15	0.20
Min. Return Loss	dB		50	
Max. Optical Power (CW)	mW		500	
Max. Tensile Load	N		5	
Fiber Type			SMF-28e Fiber, SM 1950 or Specify	
Operating Temperature	°C		-5 to +70	
Storage Temperature	°C		-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.

\*The material must be RoHS compliant.

**Package Dimensions**



**Ordering Information**

**IWDM-①①①-②③④④⑤⑤⑤⑥⑥⑥⑦⑧⑧⑨⑨**

- ①①①①: Wavelength  
2057 - 2000nm Pass/1570nm Reflect  
SSSS - Specify
- ②: Stage  
S - Single Stage  
D - Dual Stage
- ③: Pump Type  
F - Forward Pump  
B - Backward Pump
- ④④: Handling Power  
0.5 - 500mW
- ⑤⑤⑤: Connector Type on Port 1, 2 & 3  
1A - FC/UPC  
2A - FC/APC (Step)  
N - None  
S - Specify
- ⑥⑥⑥: Fiber Jacket on Port 1, 2 & 3  
B - 250um Bare Fiber  
F - 900um Loose Tube (White)  
S - Specify
- ⑦: Fiber Length  
1 - 1.0m  
S - Specify
- ⑧⑧: Fiber Type  
01 - SMF-28e Fiber (all ports)  
11 - SMF-28e Fiber at Common & Reflect ports and SM 1950 Fiber at Pass port  
S - Specify
- ⑨⑨: Package Size  
01 - Ø5.5x35