



Mini Isolator WDM Hybrid

Features

- Pump / Signal Multiplexing
- Low Insertion Loss
- Low Cost
- Low Polarization Dependence
- Small Package

Applications

- Compact EDFAs
- Fiber Lasers
- Fiber Optical Test Equipment

Specifications

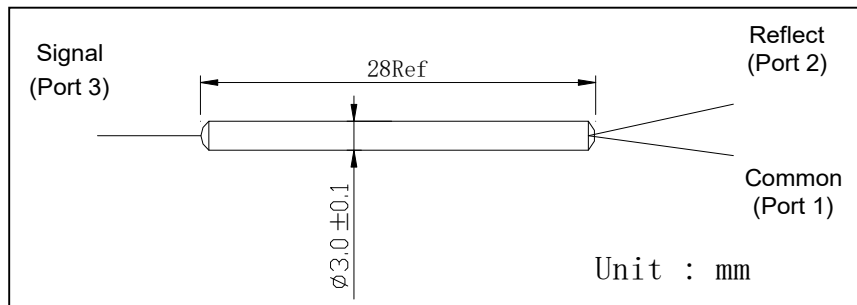
Parameters	Unit	Values	
		Single Stage	Dual Stage
Stage		Single Stage	Dual Stage
Pass Band	Signal Wavelength Range	1530~1565	
	Max. insertion Loss@P→C or @C→P	0.9	1.0
	Typ. insertion Loss@P→C or C→P	0.7	0.8
	Typ. Peak Signal Isolation, at 23°C	40	52
	Min. Signal Isolation, at 23°C	28	45
	Max. Polarization Dependent Loss	0.1	0.15
	Max. Polarization Mode Dispersion (PMD)	ps	0.25
Reflect Band	Wavelength Range	960~990 or 1460-1490	
	Max. insertion Loss@R→C	0.5	
	Typ. insertion Loss@R→C	0.3	
Min. Return Loss	dB	50	
Max. IL Thermal Stability	dB/°C	0.005	
Max. Optical Power CW	mW	300	
Max. Tensile Load	N	5	
Fiber Type		Corning SMF-28e on Common & Pass ports, HI 1060(for 980nm Pump) or SMF-28e fiber(for	
Operating Temperature	°C	-5 to +70	
Storage Temperature	°C	-40 to +85	

*Above specification are for device without connector

*For devices with connectors, insertion loss will be 0.3dB higher and RL will be 5dB lower.

*The material must be RoHS compliant.

Package Dimensions



Ordering Information

MIWDM-①①-②③-④⑤⑤-⑥⑥⑥-⑦⑦⑦-⑧⑨⑨-⑩⑩⑩

①①: Pump Wavelength
98 - 980nm
48 - 1480nm

④ : PMD
R - Refer to Above Spec.
S - Specify

⑦⑦⑦ : Fiber Jacket
B - 250um bare fiber
F - 900um loose tube (White)
S - Specify

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

⑤⑤: Handling Power
0.3 - 0.3W

⑧ : Fiber Length
1.0 - 1.0m
S - Specify

③ : Stage Type
S - Single Stage
D - Dual Stage

⑥⑥⑥ : Connector Type
1 - FC/UPC
2 - FC/APC (Steo)
N - None

⑨⑨: Fiber Type
01 - SMF-28e
03 - Pump: Hi1060, others SMF-28e

⑩⑩: Package
07 - Ø3.0x26mm