Optizone Mini PM Isolator WDM Hybrid

Features

Pump / Signal Multiplexing
Low Insertion Loss
Low Cost
High Extinction Ratio
Small Package

Applications

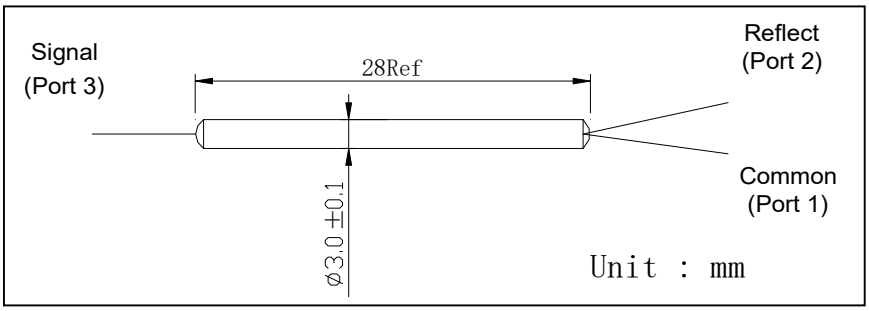
Compact EDFAs
Fiber Lasers
Fiber Optical Test Equipment

Specifications

Parameters		Unit	Values	
Stage			Single Stage	Dual Stage
Pass Band	Signal Wavelength Range	nm	1530~1565	
	Max. insertion Loss@P→C or @C→P	dB	0.9	1.0
	Typ. insertion Loss@P→C or C→P	dB	0.7	0.8
	Typ. Peak Signal Isolation, at 23℃	dB	40	52
	Min. Signal Isolation, at 23℃	dB	28	45
	Min. Extinction Ratio(only for F-Type)	dB	23	
	Min. Extinction Ratio(only for B-Type)	dB	20	
Reflect Band	Wavelength Range	nm	960~990 or 1460-1490	
	Max. insertion Loss@R→C	dB	0.5	
	Typ. insertion Loss@R→C	dB	0.3	
Min. Return Loss		dB	50	
Max. IL Thermal Stability		dB/℃	0.005	
Max. Optical Power CW		mW	300	
Max. Tensile Load		N	5	
Fiber Type			PM 1550nm panda fiber on Common & Pass ports, HI 1060(for 980nm Pump) or SMF-28e fiber(for 1480nm Pump) on	
Operating Temperature		℃	-5 to +70	
Storage Temperature		℃	-40 to +85	

*Above specification are for device without connector
*For devices with connectors, insertion loss will be 0.3dB higher, RL will be 5dB lower, ER will be 2dB lower
*The signal path is aligned to slow axis.

Package Dimensions



Ordering Information

MPMIWDM-①①-②-③-④-⑤⑤⑤-⑥⑥⑥-⑦-⑧⑧-⑨⑨

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

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

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

④: Handling Power
0.3 - 0.3W

⑤⑤⑤ : Connector Type
1 - FC/UPC
2 - FC/APC (Step)
N - None

⑥⑥⑥ : Fiber Jacket
B - 250um bare fiber
C - 900um loose tube (Red)

⑦ : Fiber Length
1.0 - 1.0m
S - Specify

⑧⑧: Fiber Type
04A - PM 1550 for 1/3, Hi 1060 for 2
05A - PM 1550 for 1/3, PM 980 for 2

⑨⑨: Package
07 - Ø3.0x26mm