

Mini Isolator WDM Hybrid

Features

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

Applications

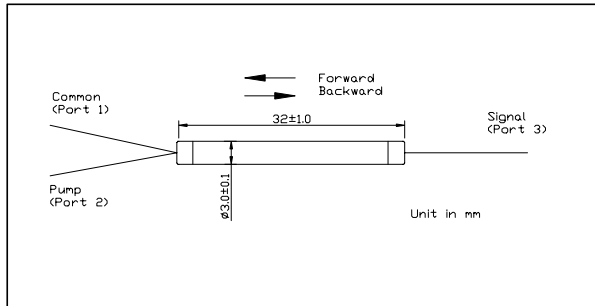
Compact EDFAs
 Fiber Lasers
 Fiber Optical Test Equipment

Specifications

Parameters	Unit	Values	
		Single Stage	Dual Stage
Stage			
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)	0.25	0.1
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		50	
Max. IL Thermal Stability		0.005	
Max. Optical Power CW		300	
Max. Tensile Load		5	
Fiber Type		Corning SMF-28e on Common & Pass ports, HI 1060(for 980nm Pump) or SMF-28e fiber(for 1480nm Pump) on Reflect port	
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 and RL will be 5dB lower.

Package Dimensions



Ordering Information

AMIWDM-①①-②-③-④-⑤⑤⑤-⑥⑥⑥-⑦

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

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

⑥⑥⑥ : Fiber Jacket
 B - 250um bare fiber
 L - 900um loose tube
 S - Specify

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

⑤⑤⑤ : Connector Type
 1 - FC/UPC
 2 - FC/APC
 3 - SC/UPC
 4 - SC/APC

⑦ : Fiber Length
 1.0 - 1.0m
 S - Specify

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

S - Specify
 N - None