Polarization Insensitive Isolator(2000nm)

Features
Low Insertion Loss High Power Handling High Isolation Low PDL Low Cost
Application
Optical Fiber Amplifier Fiber Optic Sensor Instrumentation R&D Fiber Lasers Radar

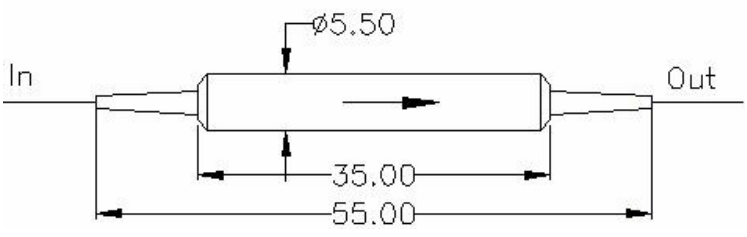
Specifications

Parameter	Value	
Stage	Single Stage	Dual Stage
Center wavelength(nm)	2000	
Bandwidth(nm)	±50	
Isolation at λc 23℃(dB)	≥20	≥35
Typ.Insertion Loss at 23℃(dB)	0.8	1.0
Insertion Loss at 23℃(dB)	≤1.0	≤1.2
PDL (dB)	≤0.15	≤0.20
Return loss (Input/output) (dB)	≥50/50	≥50/50
PMD(ps)	≤0.20	≤0.05
Power handling (mW)	≤500	
Tensile Load(N)	≤5	
Fiber Type	SMF-28e Fiber , SM 1950 Fiber or Specify	
Operating temperature (℃)	-5 ~ +70	
Storage temperature (℃)	-40 ~ +85	
Package(mm)	φ5.5×L35	

*Above specifications are for devices without the connectors.

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

Package Dimensions



Ordering Information

IS	Type	Wavelength	Pigtail Type	Fiber Type	Length	Connector	Package size
	S= Single stage D=Dual Stage	2000	250=250um bare fiber 900=900um loose tube 3000=3mm loose tube	1=SMF-28e 9=SM 1950	0.8=0.8 1= 1m	NE=None FA=FC/APC FC=FC/UPC SA=SC/APC SC=SC/UPC LC=LC/UPC LA=LC/APC XX=Other	5.5x35