Polarization Insensitive Isolator

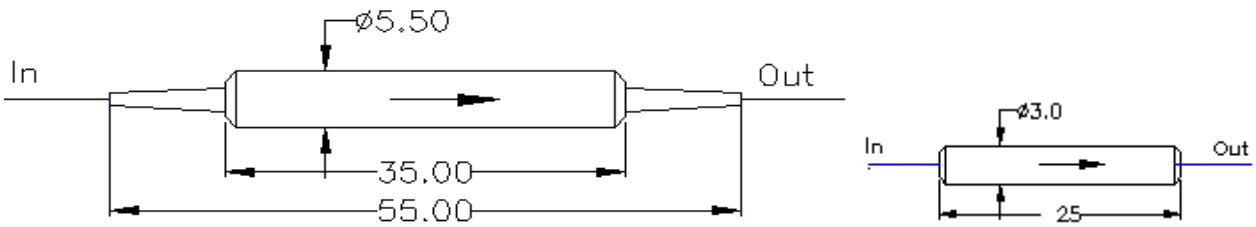
Features
Wide Operating Wavelength High isolation & Low insertion loss &Low PDL High stability and reliability
Application
EDFA & Testing instruments Transmitters WDM & DWDM System

Specifications

Parameter \ Type	Single Grade	Dual Grade
Operating wavelength (nm)	1310,1450, 1480, 1550,1580,1625,1650	
Bandwidth	±15	±15
Peak isolation (dB)	42	58
Isolation (at 23℃ all sop) (dB)	≥30 (1310,1550nm >25dB(1450,1480,1580,1625,1650)	≥40 (1310,1550nm ≥35(1450,1480,1580,1625,1650)
Typ. Insertion Loss	0.35	0.40
Insertion Loss (at -5 ~ +70 ℃ all sop)	≤0.6	≤0.8
PDL at 23℃ (dB)	≤0.05	≤0.1
PMD (ps)	≤0.2	≤0.25
Return loss (dB)	≥60/55	≥60/55 ≥55/50(Mini)
Power handling (mW)	≤500	
Fiber Type	SMF-28e or RC80 SMF-28e	
Operating temperature (℃)	-5~ +70	
Storage temperature (℃)	-40 ~ +80	
Dimensions (mm)	φ5.5×L35 (Normal size) φ3.0×L25 (Mini size)	

*Above specifications are for devices without the connectors.

Package Dimensions



Ordering Information

IS	Type	Wavelength	Pigtail Type	Fiber Type	Length	Connector	Package size
	S= Single stage D = Dual Stage	1310 1550	0= bare fiber 1=900um loose tube	1=SMF-28e 2= RC80 SMF-28e	1= 1m	NE=None FA=FC/APC FC=FC/UPC SA=SC/APC SC=SC/UPC LC=LC/UPC LA=LC/APC XX=Other	35=5.5x35 25=3.0x25