


Polarization Insensitive Isolator

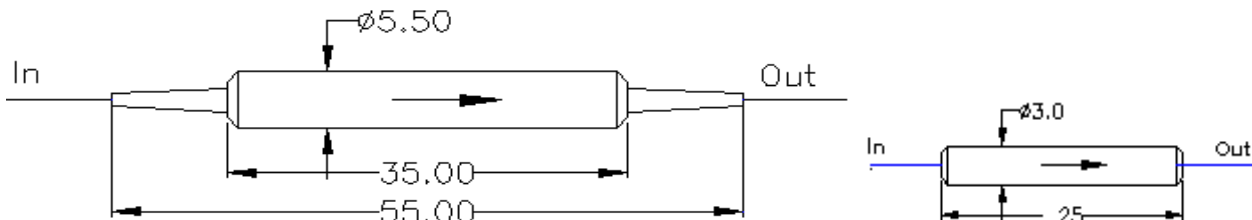
Features	
Wide Operating Wavelength High isolation & Low insertion loss & Low PDL High stability and reliability	
Application	
EDFA & Testing instruments Transmitters WDM & DWDM System	

Specifications

Parameter	Single Grade		Dual Grade	
	P	A	P	A
Operating wavelength (nm)	1310, 1480, 1550, 1580, 1625, 1650			
Bandwidth	±15		±15	
Peak isolation (dB)	42	40	58	56
Isolation (at 23°C all sop) (dB)	≥30	≥26	≥46 ≥42 (Mini)	≥45 ≥40 (Mini)
Typ. Insertion Loss	0.35	0.40	0.40	0.50
Insertion Loss (at -5 ~ +70 °C all sop)	≤0.55 ≤0.6 (Mini)	≤0.70	≤0.7	≤0.80
PDL at 23°C (dB)	≤0.05	≤0.1	≤0.1	≤0.15
PMD (ps)	≤0.2	≤0.25	≤0.25	≤0.25
Return loss (dB)	≥60/55	≥60/55	≥60/55 ≥55/50 (Mini)	≥60/55 ≥55/50 (Mini)
Power handling (mW)	≤500			
Fiber Type	SMF-28e or RC80 SMF-28e			
Operating temperature (°C)	-5 ~ +70			
Storage temperature (°C)	-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	Grade	Wavelength	Pigtail Type	Fiber Type	Length	Connector	Package size
	S= Single stage D = Dual Stage	P A	1310 1550	0=250um bare fiber 1=900um loose tube 4= 165um bare fiber	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=5.5x3 5 25=3.0x2 5