

Mini Size Polarization Insensitive Isolator

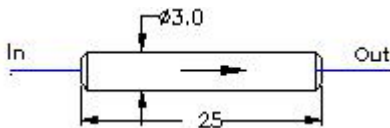
Features	
Wide Operating Wavelength High isolation & Low insertion loss & Low PDL Mini Size	
Application	
EDFA Transmitters WDM & DWDM System Testing instruments	

Specifications

Type Parameter	Single Grade		Dual Grade	
	P	A	P	A
Operating wavelength (nm)	1310, 1550			
Bandwidth (nm)	±15			
Peak isolation (dB)	40	38	50	48
Isolation (at 23°C) (dB)	≥28	≥26	≥42	≥40
Typ. Insertion Loss (at 23°C)	0.4	0.5	0.5	0.6
Insertion Loss (at -5 ~ +70 °C)	≤0.6	≤0.7	≤0.70	≤0.80
PDL at 23°C (dB)	≤0.1	≤0.15	≤0.1	≤0.15
PMD (ps)	≤0.25	≤0.25	≤0.25	≤0.25
Return Loss (dB)	≥55/50	≥55/50	≥55/50	≥55/50
Power handling (mW)	≤300			
Fiber Type	SMF-28e or RC SM1550			
Operating temperature (°C)	-5 ~ +70			
Storage temperature (°C)	-40 ~ +80			
Dimensions (mm)	φ3.0×L22			

*Above specifications are for devices without the connectors.

Packing 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	250=250um bare fiber	1=SMF-28e 2=RC SM1550	1= 1m	NE=None FA=FC/APC FC=FC/UPC SA=SC/APC SC=SC/UPC LC=LC/UPC LA=LC/APC XX=Other	3x25 3x22