
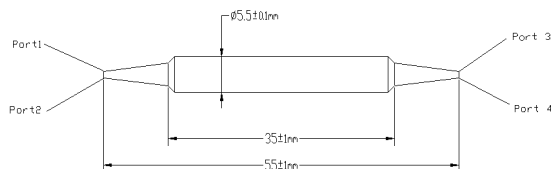


Twin Polarization Insensitive Isolator

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

Specifications

Parameter	Unit	Value			
		Single Grade		Dual Grade	
Stage		P	A	P	A
Grade		P	A	P	A
Operating Wavelength	nm	1310,1480, 1550,1590			
Peak Isolation (Port 4 To Port 1, Port 3 To Port 2)	dB	42	40	58	55
Min. Isolation ($\Delta C \pm 15\text{nm}, 23^\circ\text{C}$ All Sop) (Port 4 To Port 1, Port 3 To Port 2)	dB	28	26	48	45
Typ. IL ($\Delta C \pm 20\text{nm}, 23^\circ\text{C}$ All Sop) (Port 1 To Port 4, Port 2 To Port 3)	dB	0.45	0.55	0.55	0.70
Max Insertion Loss ($\Delta C \pm 20\text{nm}, -5 \sim +70^\circ\text{C}$ All Sop) (Port 1 To Port 4, Port 2 To Port 3)	dB	0.65	0.75	0.75	0.90
Min. Crosstalk (Port 1 To Port 3, Port 2 To Port 4)	dB	55	55	55	55
Min. Directivity (Port 1 To Port 2, Port 3 To Port 4)	dB	55	55	55	55
Max. PDL At 23°C	dB	0.05	0.1	0.05	0.15
Max. PMD	ps	0.2	0.25	0.05	0.07
Min. Return Loss(Input/Output)	dB	55/55	55/55	55/55	55/55
Power Handling	mW	500			
Fiber Type		SMF-28e			
Operating Temperature	$^\circ\text{C}$	-5 ~ +70			
Storage Temperature	$^\circ\text{C}$	-40 ~ +85			
Dimensions	mm	$\phi 5.5 \times L35$			

Package Dimensions:

Ordering Information:

IS	Type	Stage	Grade	Wave length	Pigtail Type	Fiber Type	Length	Connector	Package size
	T=Twin	S= Single stage D = Dual Stage	P A	1310 1480 1550 1590	250=250um bare fiber 900=900um loose tube 3000=3mm loose tube	1=SMF-28e	1= 1m	NE=None FA=FC/APC FC=FC/UPC SA=SC/APC SC=SC/UPC C LC=LC/UPC XX=Other	5.5x35