

Description:

An optical isolator is a passive device that allows light to travel in only one direction. It is used in applications to prevent unwanted feedback into the system.

Features:

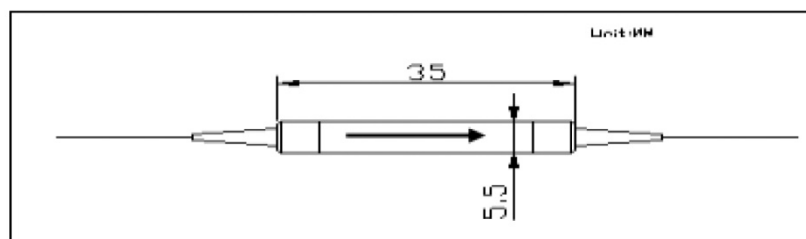
- Wide Operating Wavelength
- High Isolation & Low Insertion Loss & Low PDL
- Epoxy-Free Optical Path

Applications:

- EDFA
- Transmitter
- WDM System
- Testing Instrument



Package Dimensions:



Specifications:

Parameter	Type	C+L Band	S+C+L Band
Operating Wavelength (nm)		1530~1610	1460~1620
Peak Isolation		58	58
Isolation (@23 (°C) (dB)		≥35	≥32
Insertion Loss (@-5~+70 °C) (dB)		≤0.8	≤0.9
PDL (dB)		≤0.10	≤0.10
Return Loss (dB)		≥50/50	
Power Handling (mW)		≤300	
Fiber Type		SMF-28e	
Operating Temperature (°C)		-5 ~ +70	
Storage Temperature (°C)		-40 ~ +80	
Dimensions (mm)		φ5.5xL35(P1)	

Ordering Information:

FWISO	-	X	XXX	XX	XX	X	X
F = Fiberdyne		Type	Wavelength	Fiber Type	Fiber Length	Package Type	Connector
W = Wideband		D = Dual Stage	OCL = 1530~1610	02 = 250um	1 = 1.0m	A = Standard Steel Tube	0 = None
ISO = Isolator			SCL = 1460~1620	09 = 0.9mm (900um)	S = Custom (Specify)	C = Filter Case (100x31x8mm)	1 = FC/UPC
				20 = 2.0mm		F = Field Mod. (100x80x10mm)	2 = FC/APC
				30 = 3.0mm		L = LGX Module	3 = SC/UPC
						R = 1u Rack Module	4 = SC/APC
						S = Custom (Specify)	7 Custom (Specify)
						W = Wallmount Box	L = LC/UPC
							N = LC/APC