

High Power Polarization Insensitive Optical Circulator

Features

High isolation & High Return Loss

Low insertion loss & PDL

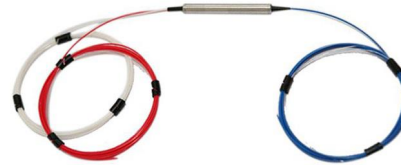
Optical Path Epoxy Free

Application

EDFA, DWDM and OTDR

DWDM and OADM networks

Bi-directional transmission system

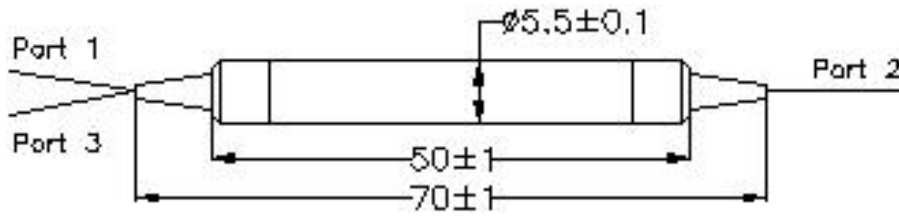


Specifications

Parameter		3 Port	
Operating wavelength (nm)		1550+/-30	C+L Band(1570+/-50)
Isolation (all λ , 23°C all SOP) (dB)		≥ 40	≥ 40
Isolation (Over all λ , T, SOP) (dB)		≥ 35	≥ 30
Insertion Loss (λ_c , 23°C all SOP) (dB)	Grade P	≤ 1.0	≤ 1.0
Insertion Loss (λ_c , 0~70°C all SOP) (dB)	Grade P	≤ 1.2	≤ 1.2
PDL (dB)		≤ 0.15	≤ 0.20
Return loss (dB)		≥ 50	
PMD (ps)		≤ 0.1	
Directivity		≥ 50	
Power handling (W)		1,2,3,5, or special	
Fiber Type		SMF-28e	
Operating temperature (°C)		0 ~ +70	
Storage temperature (°C)		-40 ~ +85	
Package Dimensions (mm)	For bare fiber or 900um loose tube	$\phi 5.5 \times L50(P2)$	
	For 3mm & 2mm cable	L90XW20XH9.5(P9)	

* Insertion loss is not include connector loss

Package Dimension



Ordering Information

wavelength	Type	Grade	Power	Package type	Pigtail Type	Length	Connector
1550=1550 nm	3=3 ports	P=P Grade	1=1w	2=P2(for 3 port)	1=250um bare fiber	H=0.5m	O=None
1570=1570 nm			2=2w		2=900um loose tube	1=1m	1=FC/UPC
			3=3w	9=P9(for 3mm cable)	3=2.0mm loose tube	5=1.5m	2=FC/APC
			5=5w		4=3.0mm loose tube	2=2m	3=SC/UPC
			A=10W				4=SC/APC
							5=LC/UPC
							6=LC/APC