1064nm Polarization Insensitive Isolator

Opneti's Polarization Insensitive 1060 nm Isolator features a compact package, low insertion loss, high isolation, high return loss and excellent environmental stability and reliability . The component is designed to meet Telcordia 1221 quality standards.

Features

High Isolation
Low Insertion Loss
High Return Loss
Low PDL
Optical Path Epoxy Free

Applications

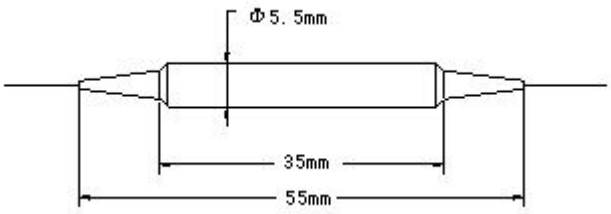
Fiberoptic Amplifiers
CATV Fiberoptic Links
Fiberoptic Systems Testing
Fiberoptic LAN Systems
Telecommunications

Specifications

Parameter	Singl stage	Dual stage
Central Wavelength	1064nm	
Peak Isolation	40dB	55dB
Min. Isolation at 23°C;CWL±15nm,all polarization states	30dB	45dB
Insertion Loss at 23°C;CWL±20nm,all polarization states	1.5dB	2.4dB
Max. Insertion Loss at -5-70°C;CWL±20nm,all polarization states	2.0dB	3.4dB
Return Loss	>50dB	>50dB
PDL	≤0.15dB	≤0.15dB
PMD	≤0.20ps	≤0.05ps
Optical Power	≤300mW	
Tensile Load	≤5N	
Fiber Type	Corning Flexcore 1060	
Operating temperature	-5℃ to +70℃	
Storage Temperature	-40℃ to +85℃	

*Above specification are for device without connector.

Imagine



Ordering Information

IS	Type	wavelength	Grade	Pigtail	Fiber Length	Connector
	S=single stage D=dual stage	10=1064nm 13=1310nm 14=1480nm 15=1550nm 16=1650nm 18=1585nm 16=1659nm xx - others	P=P Grade A=A Grade	B=250um bare fiber L=900um	1=1.0m 2=2.0m	NE=None FA=FC/APC FC=FC/PC SA=SC/APC SC=SC/PC ST=ST/PC LA=LC/APC LC=LC/PC XX=others

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