

High Power Polarization Insensitive Isolator, 1W, 2W, 5W, 10W, 20W

Features

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

Applications

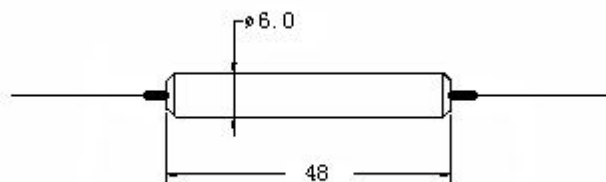
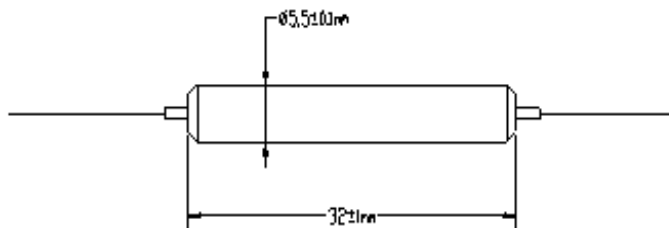
Fiberoptic Amplifiers
 CATV Fiberoptic Links
 Fiberoptic Systems Testing
 Fiberoptic LAN Systems
 Telecommunications

Specifications -(1550, 1590nm)

Parameter	Unit	Single Stage	Dual Stage
Working wavelength	nm	1550 or 1590	
Typ. Peak Isolation	dB	40	56
Typ. Insertion Loss at 23°C;λc,all polarization states	dB	0.28	0.28
Typ. Insertion Loss at 23°C;λc±20nm,all polarization states	dB	0.35	0.50
Max. Insertion Loss at -5°C-75°C;λc±20nm,all polarization states	dB	0.50	0.70
Min. Return Loss (input/output)	dB	65/55	
PDL	Max dB	0.10	
PMD	Max ps	0.20*	0.05
Max. Optical Power (CW)	W	1,2,5,10,20	
Max. Tensile Load	N	5	
Fiber Type		Corning SMF-28	
Package Size	mm	5.5(dia)x32 for 1/2/5W, 6(dia)x48 for 10W	
Operation Temperature	°C	-5 to 70	
Storage Temperature	°C	-40 to 85	

* Low PMD version is available. PMD<0.05ps

Imagine



Ordering Information

IStype	Wavelength	Grade	Pigtail	Fiber length	Connector	Power Handling
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S=single stage D=Dual stage	10=1064nm 14=1480nm 15=1550nm 18=1590nm xx - others	P=P Grade	B=250um bare fiber L=900um	10=1.0m 15=1.5m 20=2.0m 30=3.0m	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	1W=1W 2W=2W 5W=5W 10W=10W 20W=20W
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