High Power PM 980nm Circulator

Features

- High Isolation.
- Low Insertion Loss
- Compact Size
- High ER

Application

- Optical Fiber Amplifier
- Metro Area Network
- Wavelength Add/Drop
- Dispersion Compensation

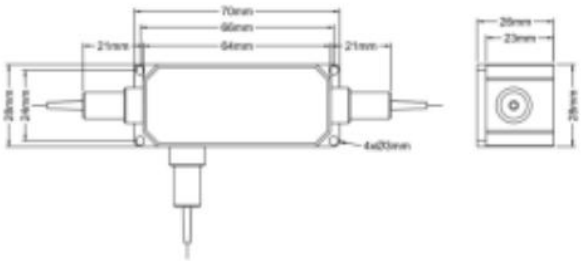
Performance Specifications

Parameters	Specifications	Unit
Directivity	Port 1 to Port 2 to Port 3	-
Center Wavelength(λ_c)	980	nm
Operating Wavelength Range	$\lambda_c \pm 5$	nm
Typical Insertion Loss@23℃	≤1.0	dB
Max Insertion Loss	≤1.2	dB
Min Isolation @23℃	≥22	dB
Return Loss	≥45	dB
Max ER @23℃	20	dB
Max Optical Power(CW)	5	W
Max Peak Power for ns Pulse	10	KW
Tensile Load	≤5	N
Operating Temperature	10~+50	℃
Storage Temperature	0~+60	℃
Fiber Type	PM 980 Panda Fiber	/
Package size	70×28×26	mm

* The temperature measurement environment is at 23℃

**If the connection head is increased, the insertion loss increases by 0.3dB and the return loss decreases by 5dB, which is reduced by 2dB for the protection product

Mechanical Dimensions



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High Power PM 980nm Circulator

Order information:

CIR (Circulator) PN: CIR-XXXXXXXXXX-XX (CIR+10 Code+2 Serial Number)

CIR	X		XXXX		X		X		X		X		X		XX
	Port		**Central Wavelength**		**Fiber Type**		**Fiber Jacket**		**Fiber Length**		**Connector**		**Grade**		
	3	3Port	**0850**	850	**0**	SMF	**0**	250um Bare Fiber	**0**	0.5m	**0**	none	**P**	P Grade	
	4	4Port	**0980**	980	**1**	HI780	**1**	0.9mm Loose	**1**	1.0m	**1**	SC/UPC	**A**	A Grade	
			1060	1060	**2**	HI1060	**S**	Special	**2**	1.5m	**2**	SC/APC	**S**	Special	**S**
			1310	1310	**3**	1310 PM			**3**	2.0m	**3**	FC/UPC			**N**
			1550	1550	**4**	1550 PM			**4**	2.5m	**4**	FC/APC			
			1315	1310&1550	**S**	Special			**5**	3.0m	**5**	LC/UPC			
			1585	1585					**6**	3.5m	**6**	LC/APC			
			000S	Special					**7**	0.7m	**7**	ST/UPC			
									8	1.2m	**8**	E2000			
									9	2.7m	**S**	Special			
									S	Special					

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