

Multimode Pump Laser Protector

FEATURES

- High Isolation
- Low Insertion Loss
- Epoxy-Free Optical Path
- High Reliability and Stability
- Low Profile Packaging

APPLICATIONS

- Broadband Systems
- Optical Amplifying Systems
- Telecommunication Networks
- Metro Networks
- CATV Networks



SPECIFICATIONS

Parameters	Unit	Value	
Pump Laser Center Wavelength	nm	915, 980	
Pump Laser Bandwidth	nm	+/-15	
Blocking Signal Wavelength	Type 6	nm	1020~1120
	Type 5	nm	1500~1620
	Type 2	nm	1020~1120&1500~1620
Pump Insertion Loss	Typ.	dB	0.4
	Max.	dB	0.6
Backward Signal Attenuation	Typ.	dB	35
	Min.	dB	30
Configuration	D Type	-	2-port
	Y Type	-	3-port, (Backward Power Guide Out)
Return Loss	dB	≥30	
Fiber Type	-	105/125um MM Fiber	
Fiber Tensile Load	N	5	
Maximum Optical Power (CW)	W	6, 10, 25, 35, 40, 50	
Operating Temperature	°C	0~50	
Storage Temperature	°C	-40~85	
Package Dimension	Stainless Steel Tube (SST)	mm	(Ø)5.5x35 (≤5W); (Ø)6.0x48 (5~10W)
	Metal Box (≤30W)		(L)58x(W)10x(H)8
	Metal Box (30~50W)		(L)90x(W)12x(H)10

- Note:**
1. Specifications are for device without connectors; Specifications may change without notice.
 2. To add connectors, IL is 0.3dB higher, RL is 10dB lower.
 3. Specifications are tested at low order modes.
 4. Only guarantee 1W continuous wave (CW) power thru testing for connectors added.
 5. Devices for higher optical power or with other type fiber or consigned fiber are also available.
 6. Suggest to use Y type if blocked optical power is >1W.

ORDERING INFORMATION (PN)

FMPP-NNN	-	(N)	(C)	P	NN	-	(C)	C	C	NN	-	CC/CCC
<i>Center Wavelength</i>		<i>Type</i>	<i>Configuration</i>	<i>Optical Power</i>	<i>Package</i>	<i>Fiber Type</i>	<i>Fiber Sleeve</i>	<i>Fiber Length</i>	<i>Connector Type</i>			
915-915nm		5-Type 5	Y- Y Type	6- 6W	M-Metal Box	A=105/125, NA=0.22	B- Bare Fiber	05=0.5m	N -Without Connector			
980-980nm		2-Type 2	Blank for D Type	10- 10W	Blank for SST	B=105/125, NA=0.15	L- Loose Tube	10=1.0m	FC/APC= FC/APC Connector			
		Blank for Type 6		25=25W	or >10W	D=105/125 NA=0.12	2- 2mm Cable	15=1.5m	SC/PC = SC/PC Connector			
				50=50W		J=106.5/125 NA=0.22	3- 3mm Cable	20=2.0m	LC/UPC=LC/UPC Connector			