

Multimode Pump Laser Protector for Pulse

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 Average Optical Power		W	6, 10, 25, 35, 40, 50
Max. Peak Power for Pulse		kW	0.1, 1, 2, 3, 5, 10, 15, 20
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)	H NN	P	NN	- (C)	C	C	NN	- CC/CCC
Center Wavelength	Type	Configuration	Average Power	Peak Power	Package	Fiber Type	Fiber Sleeve	Fiber Length	Connector Type	
915= 915nm	5= Type 5	Y= Y Type	6= 6W	01=100W	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	1= 1kW	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	5=5kW	or >10W	D=105/125 NA=0.12	2= 2mm Cable	15=1.5m	SC/PC = SC/PC Connector	
			50=50W	10=10kW		J=106.5/125 NA=0.22	3= 3mm Cable	20=2.0m	LC/UPC=LC/UPC Connector	

