



# 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	dB	+/-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	
Max. Peak Power for Pulse	kW	0.1, 1, 5, 10	
Operating Temperature	°C	0~50	
Storage Temperature	°C	-40~85	
Package Dimension	Stainless Steel Tube (SST)	mm	(Φ)5.5x35
	Metal Box		(L)58x(W)10x(H)8

- 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

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	10=1.0m	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	15=1.5m	FC/APC= FC/APC Connector
	Blank for Type 6		25=25W	10=10kW				20=2.0m	SC/PC = SC/PC Connector