



# Multimode Pump Laser Protector for Pulse (1550nm)

## 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	
Operating Signal Wavelength	nm	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	0~70	
Storage Temperature	°C	-40~85	
Package Dimension	mm	(Φ)5.5x35	

- Note:**
1. Above specifications are for device without connector.
  2. Specifications are tested at low order modes.
  3. Devices for higher average power and higher peak optical power are also available per request.
  4. Suggest to use Y type if backward average power is >1W.

## ORDERING INFORMATION

FMPP- NNNN -5 (C) H NN P NN - C	C	NN - C					
Center Wavelength	Configuration	Average Power	Peak Power	Fiber Type	Fiber Type	Fiber Length	Connector Type
915=915nm	Y= Y Type	6= 6W	01=100W	A=105/125, NA=0.22	B= Bare Fiber	10=1.0m	N=Without Connector
980=980nm	Blank for D Type	10= 10W	1= 1kW	B=105/125, NA=0.15	L= Loose Tube	15=1.5m	
		25=25W	10=10kW			20=2.0m	