



# Multimode Pump Laser Protector (2-port, 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
Return Loss	dB	≥30	
Fiber Type	-	105/125um MM Fiber	
Fiber Tensile Load	N	5	
Maximum Optical Power (CW)	W	6, 10, 25	
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. For devices with connectors, IL will be 0.2 dB higher and RL will be 10 dB lower, Optical Power will be 1W.
  3. Specifications are tested at low order modes.
  4. Devices for higher optical power and pulse power are also available per request.

## ORDERING INFORMATION

<b>FMPP-</b>	<b>NNNN</b>	<b>-5P</b>	<b>NN</b>	<b>-</b>	<b>C</b>	<b>C</b>	<b>NN</b>	<b>-</b>	<b>CC/CCC</b>
	<b>Center Wavelength</b>		<b>Optical Power</b>		<b>Fiber Type</b>	<b>Fiber Type</b>	<b>Fiber Length</b>		<b>Connector Type</b>
	915= 915nm		06=6W		A=105/125, NA=0.22	B= Bare Fiber	10=1.0m		N=Without Connector
	980=980nm		10=10W		B=105/125, NA=0.15	L= Loose Tube	15=1.5m		
							20=2.0m		