# Multimode Pump Laser Protector (2-port, 1064nm)

RoHS Compliant

## 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 | 1020~1120 |
| 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 0.3 dB higher and RL will be 10dB 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

| FMPP- | NNN | -P | NN | - | C | C | NN | - | CC/CCC |
|---|---|---|---|---|---|---|---|---|---|
| | Center Wavelength | | Optical Power | | Fiber Type | Fiber Sleeve | Fiber Length | | Connector Type |
| | 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 | | |