



## SPECIFICATIONS

### ELECTRONIC

|                            |                             |
|----------------------------|-----------------------------|
| Frequency Range            | 47 ~ 750 / 860MHz           |
| Flatness In Band           | ± 0.5dB                     |
| Return Loss                | ≥ 14dB                      |
| Normal Output Level        | 100dB μ V                   |
| Max. Output Level          | 104dB μ V (0dBm)            |
| C / N                      | ≥ 51dB                      |
| C / CSO                    | ≥ 63dB                      |
| C / CTB                    | ≥ 65dB                      |
| Gain Adjustment Range      | 0 ~ 20dB                    |
| Slope Adjustment Range     | 0 ~ 12dB, 2dB up            |
| Test Level                 | -10dB ± 1dB                 |
| Amplify Gain               | 28dB ~ 38dB                 |
| Reverse OT Frequency Range | 5 ~ 200MHz                  |
| Reverse OT Flatness        | ± 0.75dB                    |
| Output Impedance           | 75 Ω                        |
| Connector Type             | F-type or 5/8" 24 connector |
| Power Supply               | AC 60V or AC 220V           |
| Power Supply Current       | 10A                         |
| Power Consumption          | 30W                         |

### OPTICAL

|                            |                      |
|----------------------------|----------------------|
| Receive Optical Wavelength | 1290nm ~ 1580nm      |
| Return Loss                | 45dB                 |
| Current                    | 0.85A / W            |
| Optical Power Range        | -5 ~ +2dBm           |
| Max. Input Power           | 2mW (+3dBm)          |
| Fiber Type                 | Single (9 / 125 μ m) |
| Connector Type             | FC / APC             |
| Output Power               | ≥ -3dBm              |
| Optical Wavelength         | 1310nm or 1550nm     |

### ENVIRONMENT

|                       |                       |
|-----------------------|-----------------------|
| Storage Temperature   | -40°C ~ +70°C         |
| Storage Humidity      | < 80% Non-acidity     |
| Operating Temperature | -40°C ~ +60°C         |
| Operating Humidity    | 40 ~ 80%, Non-acidity |
| Size (mm)             | L280 x W208 x H110    |
| Weight                | Appx. 4 kg            |

## FEATURES

- Use PIN diode or optical receiving mould
- Receiving Optical Wavelength 1290nm~1580nm
- 1000MHz design (750 / 860MHz)
- Plug-in bidirectional filter  
30 / 47MHz - 65 / 87MHz optional
- Plug-in Circuit improve non-linear distortion
- Return path can use at any time and update network
- With optical power monitor
- 60VAC and 220VAC optional
- SMPS and with wide range of voltage