



Optical Micro-Node Receiver

Product Specifications

The **MUL-MN-V-R** Optical Micro-Node Receiver is equipment that was specially developed for HFC broadband networks, accommodating FTTH (Fiber to the Home) network topology.

- Mini size, easy to install
- Operating frequency up to 1GHz
- RF amplifier uses a high performance low power consumption GaAs amplifier
- 12VDC power supply



| Item | Unit | Technical Parameter | |
|------------------------------|------|---|-------------------------------|
| Optical Parameters | | | |
| Optical Receiving Power | dBm | -15 ~ +2 | |
| AGC Range | dBm | -7 ~ +2 | |
| Optical Return Loss | dB | > 45 | |
| Optical Receiving Wavelength | nm | 1100 ~ 1600 | |
| Optical Connector Type | | SC/APC | |
| Fiber Type | | Single Mode | |
| Link Performance | | | |
| C/N | dB | ≥ 51 | -1 dBm Optical Power Received |
| C/CTB | dB | ≥ 65 | |
| C/CSO | dB | ≥ 62 | |
| RF Parameters | | | |
| Frequency Range | MHz | 45 ~ 1003 | |
| Flatness in Band | dB | ± 0.75 | |
| Rated Output Level | dBμV | ≥ 88 (≥ +28dBmV) | |
| Output Return Loss | dB | ≥ 16 | |
| Output Impedance | Ω | 75 | |
| General Statistics | | | |
| Consumption | W | < 3 | |
| Operating Temperature | °C | -20 ~ +55 (-4 ~ +150°F) | |
| Dimensions | mm | 105 (L) x 67(W) x 24(H) (4in x 2.6in x 1in) | |

MUL-MN-V-R

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