



# 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	
<b>Optical Parameters</b>			
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	
<b>Link Performance</b>			
C/N	dB	≥ 51	-1 dBm Optical Power Received
C/CTB	dB	≥ 65	
C/CSO	dB	≥ 62	
<b>RF Parameters</b>			
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	
<b>General Statistics</b>			
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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