



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 ~ 862/1003	
Flatness in Band	dB	± 0.75	
Rated Output Level	dBμV	≥ 88	
Output Return Loss	dB	≥ 16	
Output Impedance	Ω	75	
General Statistics			
Consumption	W	< 3	
Operating Temperature	°C	-20 ~ +55	
Dimensions	mm	105 (L) x 67(W) x 24(H)	

MUL-MN-V-R

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