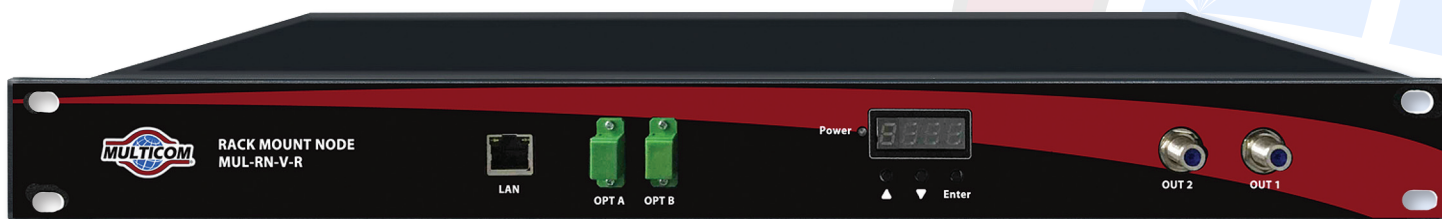




Rackmount Optical Receiver Node

Key Features

- Features an advanced optical AGC capability, optical AGC control range: 0dBm ~ -8 / -7 / -6dBm adjustable
- Two-way optical signal inputs, for backing up each other, can automatically switch according to the pre-set switching threshold, or a manual forced switch
- Forward path working frequency up to 1GHz, RF amplifier uses a high performance low power consumption GaAs chip, the maximum output level is up to 118dB μ V
- EQ and ATT both are microprocessor controlled and remotely configurable
- Built-in the Ethernet transponder, supporting remote network management (optional)
- Dual redundant power supplies (optional)
- 48VDC power (optional)
- SMTP and Web network management interface



Description

The MUL-RV-V-R rackmount Optical Receiver Node is a new 1GHz two-way switch optical receiver with wide range optical receiving power, high output level, and low power consumption, in a compact easy to install 1RU enclosure.

MUL-RN-V-R (48V)

Optional

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Rackmount Optical Receiver Node

Product Specifications

Description

The MUL-RV-V-R rackmount Optical Receiver Node is a new 1GHz two-way switch optical receiver with wide range optical receiving power, high output level, and low power consumption, in a compact easy to install 1RU enclosure.

Item	Unit	Technical Parameter	
Optical Parameters			
Optical Receiving Power	dBm	-10 ~ +2	
AGC Range Control	dBm	0 ~ -8 / -7 / -6 (adjustable)	
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	Testing conditions: EQ 5dB, Output level 114dBμV (FZ110) 42-channel signal source input, -1dBm optical power received
C/CTB	dB	≥ 65	
C/CSO	dB	≥ 63	
RF Parameters			
Frequency Range	MHz	45 ~ 862/1003	
Flatness in Band	dB	± 0.75	
Rated Output Level	dBμV	≥ 114 (-6 ~ 0dBm optical power receiving FZ110)	
Maximum Output Level	dBμV	≥ 114 (-6 ~ 0dBm optical power receiving FP204)	
Output Return Loss	dB	≥ 16	
Output Isolation	dB	≥70 (Output isolation between inputs A and B)	
Output Impedance	Ω	75	
Electrical Control EQ Range	dB	0 ~ 15	
Electrical Control ATT Range	dB	0 ~ 20	
General Statistics			
Power Voltage	AC	90 ~ 250 (48VDC optional)	
Consumption	W	≤ 15	
Operating Temperature	°C	-40 ~ +60 (-40 ~ +140 °F)	
Dimensions (L x W x H)	mm	483 x 205 x 44 (19in x 8in x 1.7in)	

MUL-RN-V-R (48V)

Optional

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