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MX-TR1-R5-204-XX



The MX-TR1-R5-204 is a one-way return path optical transmitter. Primarily used to transmit return data (5~204MHz) from a hub or OTN to a headend.

The transmitter has an LCD display interface, four buttons, and an RJ45 network interface.

In addition, the transmitter offers a WEB function, the user may remotely communicate with the unit. Optional features include monitoring of the parameters through the network.

LED status

- A. Laser: Indicates the operating state of the laser. When the laser is on, the unit displays a green light, off is a red light.
- B. Alarm: The green light is on when all parameters except the system temperature are within the normal range, alternatively the red light will be displayed
- C. Temp: The green light is on when the system temperature is within the normal range, otherwise the red light will be displayed
- D. Power1: Indicates operating state of power supply 1.

Menu

There are 4 buttons which allow the user to easily navigate the menu of the transmitter. Most parameters are read only, however the operator may adjust the following parameters.

RF Attenuation and IP settings are adjustable. Note:

- A. When "Configure IP" menu is set to "Using DHCP", the unit will automatically obtain an IP, SUB, GW address through the network.
- B. When "Configure IP" menu is set to "Static IP", the IP、SUB、GW of the unit are displayed as static setting values. This may be set by the user by adjusting the address on the LCD panel. ***Note, username is "admin", password is "admin"**

Technical index

Performance		Index	Supplemental	
Optic feature	Wavelength	(nm)	1550	
	Output power	(dBm)	3 or 10* 3 dBm Model MX-TR1-R5-204-3 10 dBm Model MX-TR1-R5-204-10	
	Return loss	(dB)	≥55	
	optical fiber connector		SC/APC	
RF feature	Operating bandwidth	(MHz)	5-204	
	Input level	(dBmV)	Min +25 Optimal +30 Max +36	AGC
	Flatness	(dB)	≤±1.0	5~204MHz
	Return loss	(dB)	>14	
	Input impedance	(Ω)	75	
	RF Set ATT	(dB)	0~30	0.5dB Step
General feature	Power supply	(AC)	100~240V/AC	
	Power Consumption	(W)	≤15	Single power supply
	Operating temp.	(°F)	23~149	Unit temp auto control
	Relative humidity	(%)	5~95	
	Size	(")	19×7.87×1.75	(W)x(D)x(H)