



TCM-TX210MW

CATV Optical Transmitter

- Wavelength 1550nm \pm 10.
- Optical Output power range: 2x10mW
- Two charging options-Solar & power adaptor, multiple choice for end user 4.
- Low current laser diode ensure low noise figure, Smart Digital display and control bring convenience in monitoring and handling 6.
- Optical Connector: SC/APC.
- AGC Fiber In function added.
- Aluminium casing assure better heatsink and stable performance 9.
- Adopt C.M brand hybrid which use NXP transistors supply good linearity & flatness

TECHNICAL SPECIFICATION

Number Item	Unit	Description	Remark
Optical Parameter			
Wavelength	nm	1550 \pm 10	
Optical output power	mW	2port 2~10mW	
CNR	dB	>51	
CTB	dB	>65	
CSO	dB	>60	
RF Parameter			
Frequency Range	MHz	45~862	
Input Impedance		75	
AGC Accuracy	dB	\pm 5/ \pm 0.3	
Input Return Loss	dB	>16	
Level adjustable range	dB	80 \pm 5	
In-Band Flatness	dB	\pm 0,50	
Level test point	dBuV	Input Level to Laser -20dBuV	
General Parameter			
Power Input Voltage	VDC	24	DC Power Adaptor
Battery Socket	VDC	29~35	Solar
Charger Socket	VDC	29~35	Solar Battery backup
Power Consumption	A	0,5	
Dimensions	mm	210*150*60	
Net weight	Kg	1,5	