

OPT-TX RP

Home fibre



Optical transmitter that can distribute up to 4 satellites on a single fiber using CWDM (Coarse Wavelength Division Multiplexing) technology. **Innovative solution that allows the transmission of the entire TV band, FM, and an orbital position on a single fiber.** Output power 7 dBm SAT + TV + FM, wavelength 1310 nm. (dimensions 230x230x50mm). The transmitter can be installed near the dish in a waterproof box thanks to the **separate power supply**.

Technical Chars

- Installation of **conventional type dish**
- **Transmitter equipped with AGC** that allows the use of dishes of different diameters.
- Cascade solution typical of MSW systems
- **Up to 21dB optical attenuation of tract**
- Easy and intuitive installation
- Full terrestrial band transmission
- Tele-powered

OPT-TX RP		
Code		270652
Input RF		5 (4 SAT + 1 TV)
Optical Output		1 x SC/APC
Input TV		
Connectors		F Female
Input level	dB μ V	80 @10 ch.
Frequency band	MHz	87-862
Return loss	dB	10
Through line loss	dB	1
SAT inputs		
Bandwidth	MHz	950-2150
SAT Connectors		F Female
Output level SAT	dB μ V	69-86
Return loss	dB	10
SAT Trunk line loss	dB	<2
RF output		
Outputs		7 (4 SAT + 1 TV + 2 TEST)

Optical output		
Wavelength	nm	1310
Optical power	dBm	8 (±1)
Optical return loss	dB	>30
Safety class		1M
TEST output		
Connectors		F Female
Frequency band	MHz	87-862 / 950-2150
Attenuation connectors	dB	59 each channel
Return loss	dB	10
Specifications		
Current consumption	mA	1200
Current consumption	W	15
LED		Green LED: TX on; Red LED: laser current too high
Operating temperature	°C	-5 to +55
Conformity		CEI EN 50083-2 EN60065
Dimensions and packaging		
Pieces		1
EAN code		8016978105984
Packaging dimensions	mm	395 x 300 x 70
Product dimensions	mm	230 x 230 x 50
Packaging weight	Kg	2.21