

OPT-TX DT

Home fibre



Optical transmitter for distribution of up to 4 satellites on a single fiber with CWDM (Coarse Wavelength Division Multiplexing) technology. **Innovative solution to transmit the entire TV band, including radio signals, and an entire orbital position on a single fiber. 7dBm with FP SAT+TV+FM laser, wavelength 1310nm.** (dimensions 230x230x50mm)

Technical Chars

- Traditional Dish Installation
- Transmitter equipped with AGC allowing the use of dishes of different diameters
- Cascade solution typical of MSW systems
- Up to 21dB optical attenuation
- Easy and intuitive installation
- Full terrestrial band transmission

OPT-TX DT		
Code		270694
Input RF		5 (4 SAT + 1 TV)
Optical Output		1 x SC/APC
Optical input		
Wavelength	nm	1310
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	>45
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		
Power supply voltage	Vdc/A	184-264 / 50-60
Current consumption	W	15
LED		Green LED: TX on; Red LED: laser current too high
Operating temperature	$^{\circ}\text{C}$	-5 to +55
Conformity		CEI EN 50083-2 EN60065
Dimensions and packaging		
Pieces		1
EAN code		8016978091829
Packaging dimensions	mm	395 x 300 x 70
Product dimensions	mm	230 x 230 x 50
Packaging weight	Kg	2.31