FRACARRO

OPT-TX 1530

Home fibre

Fracarro's innovative Home Fiber solution is designed to provide easy installation from the headend to the wall outlet. The system uses a conventional LNB and parabolic dish system that require no special tools for optical pointing. The Home Fiber system is capable of carrying all satellite and digital terrestrial signals through a single 9/125 glass fiber. Any OPT-TX optical transmitters can be cascaded using RF looptrought for greater flexibility in system design. Optical transmitter suitable for CWDM (Coarse Wavelength Division Multiplexing) technology for distrbution of up to 4 orbital positions on a single fiber. **Wavelength 1530nm,** DFB at 7dBm (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 1530		
Code		270668
Input RF		5 (4 SAT + 1 TV)
Optical Output		1 x SC/APC
Input TV		
Connectors		F Female
Input level	dBµV	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	dBµV	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	1530
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	°C	-5 to +55
Conformity		CEI EN 50083-2 EN60065

Dimensions and packaging

Pieces		1
EAN code		8016978096497
Packaging dimensions	mm	400 x 300 x 70
Product dimensions	mm	230 x 230 x 50
Packaging weight	Kg	2.385