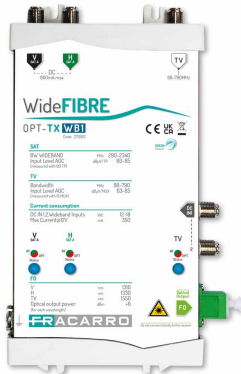


OPT-TX WB1

Wide fibre



The innovative Fracarro Wide Fibre solution has been designed to ensure easy installation from the head to the wall socket. The transmitter is able to manage the RF signals coming from a parabolic system equipped with a wideband LNB (V, H) and a digital terrestrial antenna. The Wide Fiber solution allows you to carry the entire TV band, including FM and DAB radio signals, and an entire orbital position on a single 9 / 125nm single-mode fiber. **The wideband optical transmitter is equipped with three distinct lasers capable able to independently manage the 2 wideband polarities (V, H) and the TV signal;** furthermore it uses CWDM (Coarse Wavelength Division Multiplexing) technology to mix the different wavelengths and transmit them on a single single-mode optical fiber. (dimensions 114x200x31mm)

Technical Chars

- **Compact dimensions**
- Double DC-in connector for **power supply redundancy**
- Transmitter that can also be powered from the V and H inputs
- No adjustment: **AGC on all inputs**
- **Dedicated optical laser** for wideband polarity and for the TV signal
- **Dedicated light indications** for a quick diagnosis of all the main functions

OPT-TX WB1		
Code		270901
Input RF		3 (2 SAT + 1 TV)
Optical Output		1 SC/APC
Optical output		
Wavelength	nm	1310 (V), 1330 (H), 1550 (TV)
Optical power	dBm	6 (±1)
Optical return loss	dB	>30
Safety class		1M
Input TV		
Connectors		F Female
Input level	dBuV	63-85 @MUX
Frequency band	MHz	88-790
Return loss	dB	6

Ingressi SAT		
Bandwidth	MHz	290-2340
Connectors		F Female
Output level SAT	dBuV	60-85 @TP
Return loss	dB	6
Features		
Power supply	V	12-18
Current consumption	mA	350@12V
Power Consumption	W	>5
LED		<ul style="list-style-type: none"> • Green led fixed ON: Input RF signal in the correct operating range • Green led slowly blinking: Input RF signal too low • Green fast blinking: Input RF signal too high • Red led fixed ON: Possible failure of the corresponding laser
Working temperature	°C	-10 - +55
Storage temperature	°C	-40 - +70
Dimensions	mm	114x200x31
Conformity		CEI EN 50083-2 EN60065
Dimensions and packaging		
Pcs		1
EAN code		8016978106516
Packaging dimensions	mm - LxWxH	186 x 240 x 58
Packaging weight	Kg	0.625