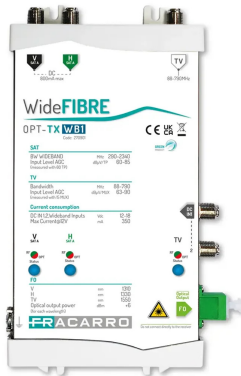


## OPT-TX WB1

### Wide fibre



**Wide Fibre transmitter** to manage RF signals from **one satellite dish equipped with wideband LNBS (V, H)** and a **digital terrestrial antenna**, also combining **FM and DAB** radio signals.

The OPT-TX WB1 is equipped with **3 separate lasers** that can handle **2 wideband polarities** and TV signal separately and uses **Coarse Wavelength Division Multiplexing (CWDM)** technology to combine the different optical wavelengths and transmit them on a **single-mode optical fiber 9/125µm**.

### Technical Chars

- **Single satellite** with wideband LNB and input for **TV, DAB and FM** signals
- **Compact size**
- Dual DC input F type connectors for redundant power supply to ensure **continuity of service**
- AGC on all coaxial inputs for **maximum signal processing stability**
- Dedicated laser at each wideband SAT polarity and TV section, for **maximum RF signal quality**
- Status LEDs for each input for **quick diagnostics**
- **Included power supply unit**; the transmitter can also be fed from V and H inputs

OPT-TX WB1		
Code		270901
Input RF		3 x (2 x SAT+1 x TV)
Optical Output		1 x SC/APC
Input TV		
Connectors		F Female
Input level	dBµV	63-90 @MUX
Frequency band	MHz	88-790
Return loss	dB	6
SAT inputs		
Bandwidth	MHz	290-2340
SAT Connectors		F Female
Output level SAT	dBµV	60-85@TP
Return loss	dB	6
Optical output		
Wavelength	nm	1310 (SatA V), 1330 (SatA H), 1550 (TV)
Optical power	dBm	6 (±1)
Optical return loss	dB	>30
Safety class		1M

Specifications		
Power supply voltage	V	12-18
Current consumption	mA	350@12V
LED		<ul style="list-style-type: none"> <li>• Green LED fixed ON: input RF signal in the correct operating range</li> <li>• Green LED slowly blinking: input RF signal too low</li> <li>• Green fast blinking: input RF signal too high</li> <li>• Red LED fixed ON: possible failure of the corresponding laser</li> </ul>
Operating temperature	°C	-10 to +55
Storage temperature	°C	-40 to +70
Conformity		CEI EN 50083-2 EN60065
Dimensions and packaging		
Pieces		1
EAN code		8016978106516
Packaging dimensions	mm	186 x 240 x 58
Product dimensions	mm	114 x 200 x 31
Packaging weight	Kg	0.625