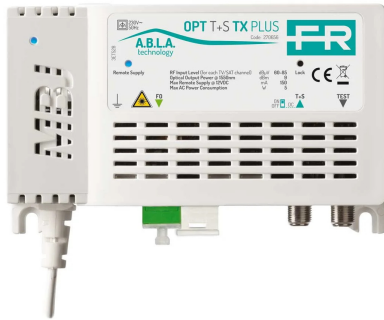


OPT T+S TX PLUS

OPT MBJ



OPT-MBJ optical transmitter with a wide band input for the distribution of TV + SAT signals on a single fibre. Optical output level of 9dBm with laser, wavelength 1550nm (dimensions 135x82x39mm)

Technical Chars

- **OPT T+S TX PLUS:** Up to 24dB of manageable optical attenuation (division ratio greater than 1:64 over P.O.N. distribution) when TX is used together with OPT-RX receiver
- **A.B.L.A. Technology:** this exclusive FRACARRO system maintains the correct optical level via special independent electronic circuits, even if the RF input level of each input changes
- Dedicated A.B.L.A. status LEDs
- Separate amplification: the new OPT-MBJ optical transmitter works with **"separate amplification"** and independent handling of the RF input signals
- **Protective shell:** OPT-MBJ optical transmitters and receivers are protected by an innovative protective shell made of flame retardant ABS material (Class V0)
- Optical output level stabilisation even for high variations of the RF input signal
- Monitor output: RF output connector for monitoring the RF signal without disconnecting the service from the distribution network
- Broadband TV / SAT
- Suitable for standard **DIN rail mounting** (with quick release)
- Low power consumption
- Power supply status LED
- Quick and easy installation (**Plug&Play**)
- High shielding against electromagnetic interference
- Standard SC/APC connectors

OPT T+S TX PLUS		
Code		270656
Input RF		1 x TV+SAT
Optical Output		1 x SC/APC
Input TV		
Connectors		F Female
Input level	dBµV	60-85 @MUX
Frequency band	MHz	88-862
Return loss	dB	8

SAT inputs		
Bandwidth	MHz	950-2150
SAT Connectors		F Female
Output level SAT	dB μ V	60-85 @TP
Return loss	dB	8
Optical output		
Wavelength	nm	1550
Optical power	dBm	9
Optical return loss	dB	>30
Safety class		1M
TEST output		
Connectors		F Female
Frequency band	MHz	88-862 / 950-2150
Attenuation connectors	dB	81
Specifications		
Power supply voltage	Vdc/A	184-264 / 50-60
Current consumption	W	4.5
LED		<ul style="list-style-type: none"> • Remote Supply: remote feed active • Lock: signal in the correct A.B.L.A. range
Operating temperature	°C	-10 to +55
Conformity		EN62368-1:2014/AC:2015; EN50083-2:2012/A1:2015
Dimensions and packaging		
Pieces		1
EAN code		8016978103706
Packaging dimensions	mm	176 x 110 x 50
Product dimensions	mm	135 x 82 x 39
Packaging weight	kg	0.335