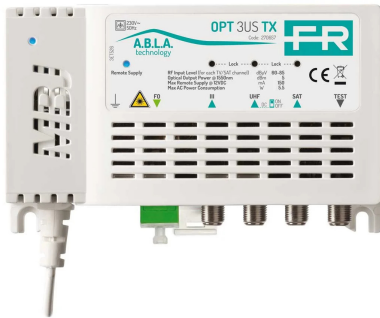


OPT 3US TX

OPT MBJ



Three-input OPT-MBJ optical transmitter for distribution of band 3, UHF and full IF-IF signals on a single fibre. Laser optical output level of 5dBm, wavelength 1550nm. (dimensions 135x82x39mm)

Technical Chars

- **OPT 3US TX:** Up to 20dB of manageable optical attenuation (division ratio greater than 1:32 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
- **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 3US TX		
Code		270657
Inputs		3 x (3, UHF, IF-IF)
Optical Output		1 x SC/APC
Input TV		
Connectors		F Female
Input level	dBμV	60-85 @MUX
Frequency band	MHz	174-230, 470-790
Return loss	dB	>8

SAT inputs		
Bandwidth	MHz	950-2150
SAT Connectors		F Female
Output level SAT	dBμV	60-85 @TP
Return loss	dB	>8
RF output		
Return loss	dB	>8
Optical output		
Wavelength	nm	1550
Optical power	dBm	5
Optical return loss	dB	>30
Safety class		1M
TEST output		
Connectors		F Female
Frequency band	MHz	174-230 / 470-790 / 950-2150
Attenuation connectors	dB	59 (VHF), 70 (UHF, SAT)
Specifications		
Power supply voltage	V/Hz	184-264 / 50-60
Current consumption	W	5.5
LED		• 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		8016978103676
Packaging dimensions	mm	176 x 110 x 50
Product dimensions	mm	135 x 82 x 39
Single gross weight	kg	0.345