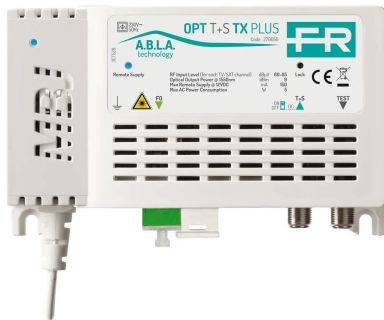


## OPT T+S TX PLUS

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 $\mu$ 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"> <li>• Remote Supply: remote feed active</li> <li>• Lock: signal in the correct A.B.L.A. range</li> </ul> |
| Operating temperature    | °C         | -10 to +55  |
| Conformity               |            | CEI EN 50083-2 EN60065  |
| 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   |