

# TERRA Optical Transmitter with 2x Satellite, 1x Terrestrial and LAN Control 1310nm 6dBm 20MM-OT301L

## Features and Benefits

- » Compact Optical transmitter for 2 x Sat IF and 1 x Digital Terrestrial for single mode fibre
- » Built in WEB UI for setup and control
- » 1310nm 6dBm output via FC/APC connector
- » Built in AGC for each input or can be set manually
- » LNB 13/18VDC output and Terrestrial pre amplifier 12VDC output available
- » Robust die-cast housing

## 20MM-OT301L Specifications

|  |   |
|--|---|
| Satellite Inputs                               |   |
| Bandwidth                                      | 2 x (950-2150) MHz  |
| Input return loss / impedance                  | > 10 dB / 75 Ω  |
| RF input level (AGC range) for 30 transponders | 60-80 dBμV (per transponder);<br>75-95 dBμV (total power) |
| LNB remote feeding                             | 13 /18 V; 350 mA max. total                               |
| Terrestrial input                              |   |
| Bandwidth                                      | 47-862 MHz  |
| Input return loss / impedance                  | > 10 dB / 75 Ω  |
| RF input level (AGC range) for 8 transponders  | 60-80 dBμV (per transponder);<br>69-89 dBμV (total power) |
| Number of transponders                         | 1...16  |
| Preamplifier remote feeding                    | 12 V 100 mA max.  |
| Optical output                                 |   |
| Wavelength SAT & Terr                          | 1310 nm**   |
| Optical output power                           | 6 dBm   |
| Optical return loss                            | > 45 dB   |
| Main characteristics                           |   |
| Supply voltage                                 | 12 V ± 1 V  |
| Current consumption without external load      | 0.7 A max.  |
| Current consumption with max. external load    | 1.25 A max.   |
| Operating temperature range                    | -20 ÷ + 40 °C   |
| Dimensions/Weight (packed)                     | 108x190x54 mm/1.4 kg                                      |

