TERRA Optical Trasmitter with 2x Satellite, 1x Terrestrial 1310nm 6dBm

20MM-OT301

Matchmaster TV Reception Systems
For the Best

Features and Benefits

- Compact Optical transmitter for 2 x Satellite IF and 1 x Digital Terrestrial for single mode fibre
- 1310nm 6dBm output via FC/APC connector
- Built in AGC for each input
- LNB 13/18VDC output and Terrestrial pre amplifier 12VDC output available
- Robust die-cast housing
- Wall mounting

20MM-OT301 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); 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); 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