



2 SAT IF distribution equipment

Optical transmitter

- compact optical transmitter of 2 SAT IF and DTT signals
- built-in AGC system on every input
- LNB and DTT preamplifier feeding possibility
- wall mounting
- robust die-cast housing
- recommended power supply SGA25E12-W6
- connectors:
RF inputs - type F
optical - FC/APC
screw terminal block for DC entry



Technical specifications

T Y P E		OT301*
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

* ordering information:

Type	Ordering number
OT301 6F31	03850

** lasers with other optical wavelength are supplied by request