

Optical Transmitter



SOTx 1310607 NF

- Single-mode DFB-Laser.
- Optical output power: +6 dBm.
- Integrated amplifier stages using split band technology for terrestrial and SAT IF signals.
- Level adjuster for terrestrial and SAT IF (0... -12 dB).
- Remote power to LNB possible (Quattro or QUAD).
- 5 dB slope pre-compensation for the SAT IF range.
- Optical connector: SC/APC.
- Power LED.



Model Art. No.	SOTx 1310607 NF 815000
EAN	4040326150009
Inputs outputs	1 F connector 1 optical
Optical connector	SC/APC
Frequency range	47 ... 2200 MHz
Optical wavelength	1310 nm
Optical output power	6 dBm
Gain	
47 ... 862 MHz	14 dB
950 ... 2200 MHz	16 ... 21 dB
Input level max. Terr. 47 ... 862 MHz 60 dB IMA ₃ /EN 60728-3	95 dBμV
Input level max. SAT 950 ... 2200 MHz 35 dB IMA ₃ /EN 60728-3	95 dBμV
Level adjuster	0 ... -12 dB
LNB remote power feed	350 mA
Wall power supply SNG 18/1000	100-240V, 47-63 Hz DC 18V/1000 mA
Power consumption incl. LNB	max. 13 W
Ambient temperature	-20 ... + 50°C
Dimensions in mm	70 x 120 x 50

Application diagram

