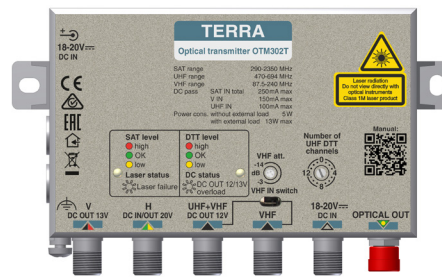




# 2 wideband SAT IF distribution equipment Optical transmitter

- compact optical transmitter of SAT IF and DTT signals
- DC by pass for remote feeding of DTT preamplifier
- separate or splitband DTT inputs
- built-in AGC system
- LED status indication
- robust die-cast housing
- connectors:  
RF inputs - type F  
DC IN - 3.5/1.3 mm DC jack and type F



## Technical specifications

T Y P E		OTM302T*
<b>Wideband inputs</b>		
Frequency range		2 x (290-2350 MHz)
Input return loss / impedance		> 12 dB / 75 Ω
RF input level (AGC range) 60 carriers		70-90 dBμV
LNB remote feeding		13 V 150 mA max. via V input, 18-20 V via H input, 250 mA max. total
<b>DTT inputs</b>		
Frequency range	VHF input	87.5-240 MHz
	VHF input** + UHF	87.5-240 MHz + 470-694 MHz
RF input level***		UHF 55-80 dBμV / VHF 70-80 dBμV (per carrier)
Input return loss / impedance		> 10 dB / 75 Ω
Remote feeding	UHF + VHF input	12 V 100 mA max.
<b>Optical output</b>		
Wavelength		see ordering information*
<b>General</b>		
Supply voltage	via DC jack	18-20 V
	via H input and DC IN	18-20 V
Power consumption****		5 W max.
Operating temperature range		-20 ÷ + 40 °C
Dimensions/Weight (packed)		147x89x26 mm/0.4 kg

\* ordering information:

Type	Power	Laser	Wavelength	Connector IN	Ordering number
OTM302T 6F31 E	6 dBm	FP	1310 nm	FC/UPC	14884

\*\* switchable

\*\*\* FM level the same like DTT, DAB level 12 dB below

\*\*\*\* without remote feeding