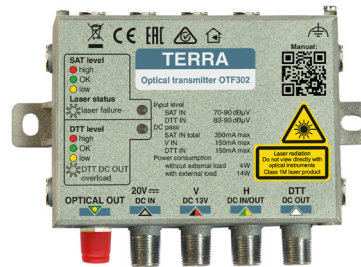




2 wideband SAT IF distribution equipment Optical transmitter

- compact optical transmitter with 2 wideband and DTT inputs
- operation with MCA101x DTT processing unit
- DC by pass for remote feeding of MCA101x and LNB
- built-in AGC system
- LED status indication
- remote monitoring by PC102W programmer
- robust die-cast housing
- connectors:
RF & DC ports - type F



Technical specifications

T Y P E		OTF302*
Wideband inputs		
Frequency range	2 x (290-2350 MHz)	
RF input level (AGC range) for 60 transponders	70-90 dB μ V (per carrier)	
LNB remote feeding	13 V 150 mA max. via V input, 20 V via H input, 350 mA max. total	
DTT input		
System frequency range**	87.5-240 / 470-790 MHz	
RF input level***	83 dB μ V / 83-93 dB μ V (per carrier)	
Remote feeding	19 V 150 mA max.	
Optical output		
Wavelength	see ordering information*	
General		
Input return loss / impedance	> 12 dB / 75 Ω	
Supply voltage	20 V	
Power consumption****	4 W max.	
Operating temperature range	-20 \div + 40 $^{\circ}$ C	
Dimensions/Weight (packed)	116x84x25.5 mm/0.28 kg	

* ordering information:

Type	Power	Laser	Wavelength	Connector IN	Ordering number
OTF302 3C55 E	3 dBm min	DFB	1550 nm \pm 3 nm	FC/UPC	14853
OTF302 6F31 E	6 dBm	FP	1310 nm	FC/UPC	14854
OTF302 6F55 E	6 dBm	FP	1550 nm	FC/UPC	14859

** the set with MCA101x

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

**** without remote feeding