



DTT optical transmitter FO series

art. 19-006A FO-TX DTT 10 dBm

The DTT optical transmitter has three connectors:

- an SC / APC optical output connector, on which the signal converted from electric to optical is present, in a third work window (1550 nm);
- an F-type screw input connector, for passing of DTT signals.
- an F-type screw input connector, for power supply (12V 1.5A power supply included).

The optical transmitter allows the connection of up to 32 optical DTT receivers art. 19-015A FO-RX DTT AGC. 12V power supply unit is included.

Characteristics

- High efficiency switching power supply

- Equipped with signaling LEDs for power supply



Code Item	19-006A FO-TX DTT 10 dBm
No. of TV optical outputs	1
No. TV inputs	1
Optical input connector	screw F type
Optical output connector	SC/APC
Input frequency range MHz	47 ÷ 1000
Output impedance Ω	75
Bandwidth nm	1550
Optical output level dBm	10
Optical return loss dB	≥ 45
Return loss dB	≥ 16
TV input level dB μ V	80 ± 5
Signal to noise ratio (C/N) dB	≥ 52
Composite Second Order (CSO) dB	≥ 60
Composite Triple Beat (CTB) dB	≥ 63
Slope dB	$\pm 0,75$
Optical cabling fibre type	single mode 9/125
Current consumption @ 220V W	<2
Dimensions (LxWxH) mm	100x98x28
Packing dimensions (LxWxH) mm	190x110x50
TX weight Kg	0,18
Packaging weight Kg	0,39
POWER SUPPLY UNIT (included)	
Power supply Vdc	12
Max delivered current A	0,5
AC main tension	100-240 V~ 50/60Hz
Isolation class	II
Connector	male F type

Example of application

