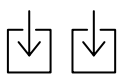
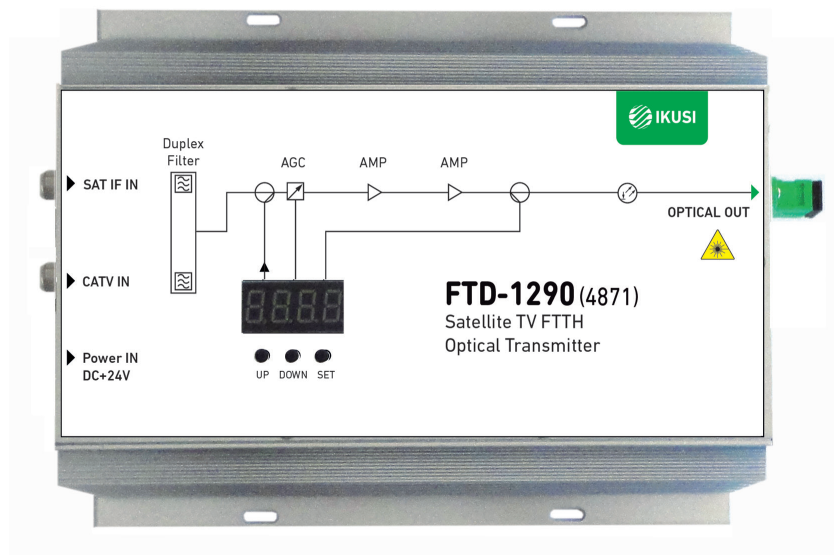




TV+IF SAT optical transmitter

Solution for the distribution of TV terrestrial and satellite signals through optical fiber



Inputs CATV and SAT-IF



Display optical modulation settings



Optical output

Technical specifications

MODEL		FTD-1290
REF.		4871
Optical output power	mW	10 (=10 dBm)
RF inputs		2 TV (45-862 MHz) ; IF (950-2600 MHz)
Optical section		
Optical wavelength	nm	1550 (±20)
Relative intensity noise (RIN) of the laser	dB/Hz	< -150
Optical output return loss	dB	> 50
Optical output connector		SC/APC 8°
RF section		
TV output level	dBµV	75 – 85
IF input level	dBµV	69 – 83
RF flatness	dB	±0.75 (TV) ; ±1 (FI)
OMI adjustment level	dB	-5 ... +5
Input impedance	Ω	75
Input return losses	dB	> 16 (TV) ; > 10 (FI)
General		
TV and IF input connectors		F
Power supply		+24 Vdc/150 mA
Dimensions	mm	250 x 150 x 60

- 1 TV input 45-862 MHz
1 IF input 950-2600 MHz
1 optical output (1550nm)
- Connection of singlemode type optical fibre.
- Solution for distribution of terrestrial TV and satellite IF signals (analog and digital) over large collective installations: residential districts, hotels, hospitals.
- Ultralinear, APC-controlled, 4 mW DFB (Distributed Feedback) laser.
- Fully compatible with PAL, SECAM, NTSC, FM, DVB-S, DVB-T, DVB-C and other standards..
- TV and SAT-IF separate ways with very high RF amplification gain. Independent OMI settings for TV and SAT-IF.
- LNB power supply +13 V or 18 V.
Max. current 300 mA.
- External power supply included
Input: 100-240 VAC / Output: 24 VDC ; 2A
- Setting control via digital display.
- Compact aluminium housing.

Installation example

