

Code: FIBRE-IRS-OTX/KIT

OPTICAL SATELLITE KIT **FIBRE-IRS-OTX/KIT**

The FIBRE-IRS-OTX/KIT optical kit allows to realize an installation for SAT-IF, DTT and DAB/FM signals transmission with using the fiber optics technology. Immunity to electromagnetic interferences and low attenuation enabling long transmission distance of the signal. The main elements of the kit are a converter and an optical outdoor unit.

The optical outdoor unit combines satellite signals from the LNB and terrestrial signals from DTT and DAB/FM antennas.



TV-SAT LNB:	
LNB type:	WIDEBAND
Input frequency:	10.7 ... 12.75 GHz
Polarization:	Vertical / Horizontal
Output frequency:	290 ... 2340 MHz
S/N ratio:	0.5 dB
Number of outputs:	2 pcs F socket
Output impedance:	75 Ω
Gain :	50 ... 62 dB
Neck diameter:	40 mm
Weight:	0.105 kg
Dimensions:	Ø 60 x 101 mm
OPTICAL OUTDOOR UNIT:	
Frequency range:	• 290 ... 2340 MHz SAT • 88 ... 694 MHz RTV
Number of inputs:	• 2 pcs F socket - SAT • 1 pcs F socket - RTV • 1 pcs F socket - Power supply
Number of outputs:	1 pcs FC/PC
Optical output power:	7 dBm
Transmission method:	1310 nm Single-mode fiber
Power supply:	20 V DC (power adapter included)



DATA SHEET

Current consumption:	< 220 mA
Operation temp:	-20 °C ... 60 °C
Weight:	0.46 kg
Dimensions:	170 x 161 x 31 mm
In the kit:	• Optical outdoor unit • DC 20V/1.2A power adapter
Guarantee:	2 years