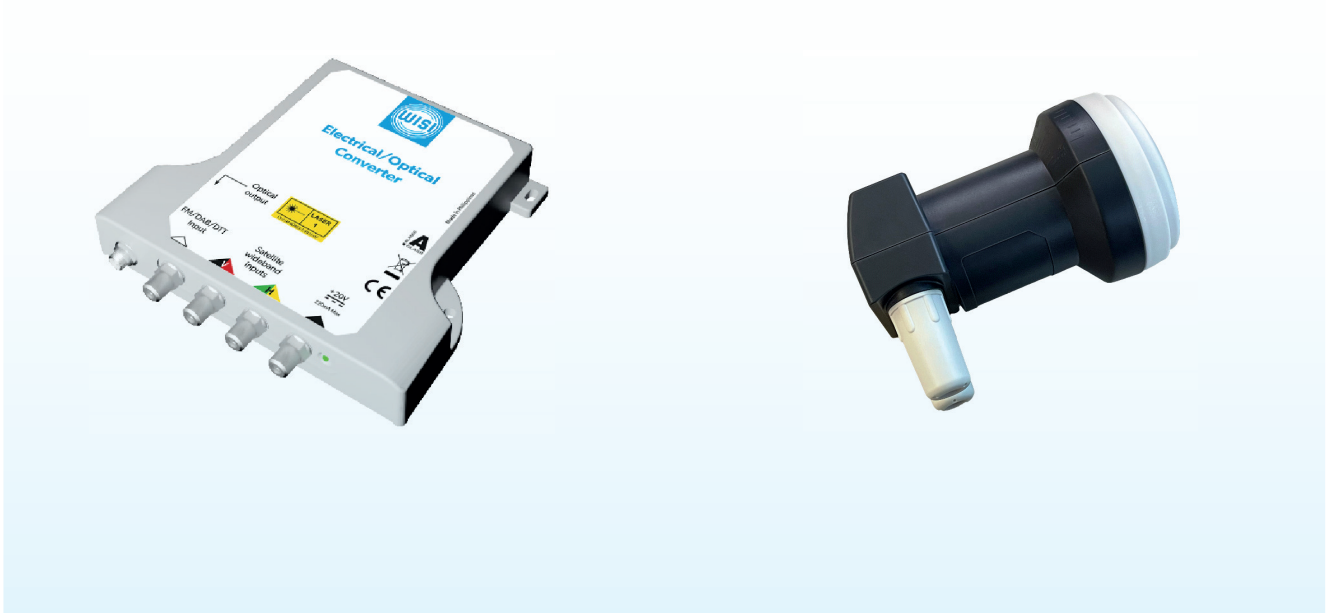


WISI OL 16 1310

Optisches Transmitter Kit



Description

Converts electrical signal from wideband LNB, FM/DAB/DVB-T/T2 in optical output signal.

10.41 GHz LO Wideband LNB, converter, Power supply and mounting bracket included.

Features

- ✓ 2 x F connector wideband LNB (H/V Polarity)
- ✓ with optical transmitter, which converts electrical Signal from wideband LNB, DAB/ DVB-T/T2 in optical output signal
- ✓ Additional insertion of DVB-T/T2, DAB and FM at the terrestrial input
- ✓ Optical wavelength 1310 nm
- ✓ 7 dBm optical output power
- ✓ Wall or pole mount
- ✓ Optical Transmitter



WISI OL 16 1310

Optisches Transmitter Kit

Technical data

Electrical/Optical Converter	
Input	
Frequency range-SAT	290...2340 MHz
Impedance	75 Ω
Return loss	20 dB (optical)
Frequency range DVB-T	470...694 MHz
Frequency range DAB	174...240 MHz
Frequency range FM	88...108 MHz
Level range	70...85 dB μ V (Satellite); 70 dB μ V (Terrestrial)
Ripple	1 dB @across 28MHz
Gain variation full band	FM 88...108 MHz <1 dB; DAB 174...240 MHz <1 dB; Terr. (DVB-T) 479...694 MHz <3...5 dB; SAT <=3 dB; Rejection @4G800 frequencies 791...862 MHz (relative)>30 dB
Connector DVB-T, DAB, FM	F
Connector SAT	2xF
Output	
Wavelength	1310 nm (\pm 20 nm)
Optical power	7 dBm
Connector	FC/PC
General data	
Input voltage	20 V DC (F-Connector)
Current consumption	350 mA (max. excluding connected devices)
Maximum upstream current	500 mA
Output voltage Vertical and Terrestrial	12 V
Output voltage Horizontal	18 V
Operating temperature	-20...+60 °C
Weight	0.445g (unit only)
Dimensions W x H x D	160 x 25 x 162 mm
Wideband LNB OC07 E	
Electrical data	
Input frequency	10.70...12.75 GHz (Linear polarisation)
Local Oscillator Frequency	10.41 GHz
Output frequency	290...2340 MHz
Gain	50...62 dB
Noise figure	typ. 0.5 dB
Gain variation full band	7 dB (p-p)
Polarization isolation	typ. -30 dB
Image rejection	40 dB (10.7...12.75 GHz)

Technical data

In band spurious level	-60 dBm
L.O. phase noise @ 10 kHz	-75 dBc/Hz
L.O. temperature drift @ 25°C	\pm 0,8 MHz
Output impedance	75 Ω
Mechanical Data	
Color	Dark Grey, Pantone 432C
Feed diameter	40 mm
With protective enclosure	Yes (through a rubber grommet)
Connectors	
RF-Output	2x F-female
General data	
Type	Wideband
Subscriber	Depending on the multiswitch
Integrated multi switch	No
Terrestrial feed	No
Input voltage	8...21 V DC
Current consumption lamp	max. 125 mA
Operating Temperature	-30...+60 °C
Weight	0.112 kg
Dimensions (B)	60 mm
Dimensions (H)	60 mm
Dimensions (T)	100.2 mm

Packaging data

Sales unit	1 pcs.
Dimensions (WxHxD) sales unit	tbd
Packaging volume sales unit	dm ³
Gross weight sales unit	tbd
Shipping unit	1 pcs.
Dimensions (WxHxD) shipping unit	270 x 190 x 60 mm
Packaging volume shipping package	dm ³
Gross weight shipping unit	kg
EAN	4010056764791
Article number	76479
Customs tariff number	tbd