

2U DVB-T/T2 Transmitter TV-150D



General data

Operating frequency range	UHF 470 - 862 MHz or VHF 170 - 230 MHz, setting in 1 Hz steps	
Bandwidth	6,7,8 MHz	
Output power	150 Wrms \pm 0.5 dB	
Output connector	N female, 50 ohm	
Supporting standards	EN 302 755, TS 102 831, NS 102 773 (T2-MI)	
TS Input interface	2 x ASI T2-MI, BNC 75 ohm 2 x ASI TS, BNC 75 ohm (mode A option) 2 x TsoIP 1Gb, RG45 (TSoIP option)	
ASI monitor	BNC female 75 ohm	
GNSS antenna input	1 x GNSS antenna, TNC 50 ohm, user selectable DC bias integrated multi standard receiver (GNSS option)	
External SFN timing: 1pps input / output	BNC female 50 ohm	
10MHz input / output	BNC female 50 ohm	
Control and settings	on front panel and remotely	
Control Interface	1 x RJ45 in front panel + 2 x RJ45 in rear panel 1 x RS-232 1 x RS-485 for external amplifiers	
Remote control	RS232, Ethernet (WEB and SNMP) WEB GUI control for use with standard Web Broser.	
MER	\geq 35 dB	
Operating condition:		
Temperature range	+5 ... +45 °C	
Humidity	80% non condensing	
AC power supply	~220 V +10/-15% ; 50 \pm 2 Hz	
Efficiency	depend on amplifier design:	Broadband Doherty Broadband Doherty
Cooling	forced air	
Dimension	1+2U 19"	
Weight	20 kg	

Options

Digital adaptive pre-corrector (DAP option)

Integrated Multi Standard Global Navigation Satellite System (GNSS option) GPS and GLONASS support

Mode A supported "legacy" TS input for NFM single PLP only (mode A option)

Bandpass DTV filter