



ASI/DVB-T Transmodulator

Professional DVB-T modulator

EAN	Item no.	Weight (Box)	Weight	Device (W x H x D)	Box
4019588059788	0000/5978	300 g	300 g	4.00 x 11.00 x 40.50 cm	6.00 x 23.30 x 48.50 cm

TOP FEATURES

DVB-T modulator / EN 300744

ASI input

Output frequency range from 48-860 Mhz (K2 to K69); suitable for adjacent channels

output level adjustable from 97-110 dB μ V

NIT generation

AMBIENT OPERATING CONDITIONS

Ambient temperature : 0 ... 45 °C

Humidity : 10 ... 90 %

ASI INPUT

Interface : BNC-socket, 75 Ohm

Effective data rate : 100 Mbit/s

DVB-T OUTPUT

Modulation : QPSK, 16-QAM, 64-QAM

Channel bandwidth : 6, 7, 8 MHz

FFT mode : 2k

Guard interval : 1/4, 1/8, 1/16, 1/32

FEC : 1/2, 2/3, 3/4, 5/6, 6/7, 7/8

Symbol rate : 6.75 Mbaud @ 8MHz BW

I/Q amplitude error : < 0.3 %

I/Q phase error : < 0.3 °

Phase jitter : < 0.5 °

MER : > 36 dB (64-QAM, Equalizer)

Frequency range : 48 ... 860 MHz (10 kHz Schrittweite)

Output level : 97 ... 110 dB μ V (1 dB Schrittweite)

Secondary wave suppression : > 55 dB

Signal output : F-Socket

Output impedance : 75 Ω

Return loss : > 12 dB

SCOPE OF DELIVERY

TechniNet ASI/DVB-T transmodulator, Front panel, Back panel, Ethernet Patch-cable, BNC-connection cable