

912 TV-SAT AND MODULATOR EQUIPMENT

DVB S2-QAM TRANSMODULATOR TS PROCESSING



Code : **9120150**

Model : **TQ-532**

Description

Transmodulator of FTA satellite digital television services to terrestrial digital television with DiSEqC. Each module selects the free-to-air services from a DVB-S/S2 satellite transponder and includes them in a DVB-C channel. Programmable using PC software and a wireless programmer.

Applications

Collective digital cable TV installations where the aim is to distribute FTA satellite television services while avoiding the installation of satellite receivers. Allows channels from different satellites to be selected thanks to its DiSEqC control. Compatible with all collective TV installations since the channels can be distributed throughout the 47-862 MHz band.

Characteristics

Automatic error-detection system which greatly reduces maintenance work on the installation. Generated output channel of outstanding quality. Zamak chassis with metal side panels. F-type connectors. The equipment can be assembled quickly and easily.

CODE		9120150
MODEL		TQ-532
TV system		DVB-S / DVB-S2 → DVB-C EN 300421 EN 302307 EN 300429
DVB-S/S2 receiver		
Frequency range	MHz	950-2150
Frequency step	MHz	1
Automatic frequency control	MHz	±2
Range of capture	MHz	±5
LNB power supply	V	DiSEqC 2.0 13-18v (0-22Khz)
	mA	350 max
Symbol rate	Mbaud	1..45
Diplexing through loss	dB	1 ±0.2
DVB-S2 receiver		
Input level	dB μ V	45..95
	dBm	-63..-13
F.E.C. QPSK		Auto, 1/2, 3/5, 2/3, 3/4, 4/5, 5/6, 8/9, 9/10 DVB: EN 302307
F.E.C. 8PSK		Auto, 3/5, 2/3, 3/4, 5/6, 8/9, 9/10 DVB: EN 302307
Roll off		0.35/0.25/0.20
DVB-S receiver		
Input level	dB μ V	40..95
	dBm	-68..-13
F.E.C. QPSK		Auto, 1/2, 2/3, 3/4, 5/6, 7/8 DVB: EN 302307
DVB-C modulator		
Modulation		16 - 32 - 64 - 128 - 256 QAM
Bandwidth	MHz	9.2 max
MER	dB	38 ± 2.0
Symbol rate	Mbaud	1..8

CODE		9120150	
MODEL		TQ-532	
RF output			
Frequency range	MHz	47-862	
Frequency step	MHz	0.25	
Output level	dB μ V	80 \pm 2.0	
Output level adjustment	dB	20	
Spurious in band	dB	>60	
Roll off factor	%	15	
Carrier / Noise ratio (C/N)	dB	38	
Diplexing through loss	dB	0.9 \pm 0.1	
General features			
Return loss	dB	>20	
Power supply	V \dots	+3,3	+5,2 +12
	mA	1100	390 70+LNB
Operating T close to equipment		-10..+65	
Room T with/without fan		-10..+55/+45	
Protection index		IP30	
Units per packing		1	
Packing weight	Kg	1.4	
Packing dimensions	mm	270 x 170 x 38	