

TTT 8000 Series

Transmodulation from one or two DVB-T multiplexes to one or two DVB-T output multiplexes in the RF band (47÷862 MHz). Regeneration of those multiplexes contains.

APPLICATION

Ideal for its use in hotel, hospital and public buildings installations and small CATV networks, for the distribution through a single cable of digital terrestrial signals. The Common Interface models (8291 and 8293) allow opening scrambled signals using CAM modules with cards with the rights.

FEATURES

- Selection of services of interest at the output, adapting the transport stream.
- Output mux free capacity measurement in order not to exceed it.
- Opening of the scrambled services with the CI models (8291/8293). The Twin model allows opening services from both inputs.
- Transport Stream processing:
 - DVB-SI table regeneration: table version edition.
 - Nit table regeneration in the module and installation levels.
 - Transport Stream parameters edition: tsid, onid.
 - Service parameters edition: name and service identifier (SID).
 - Network parameters edition: name and network identifier (NID).
 - LCN (Logic Chanel Number) edition.
 - PID filtering, for eliminating the not interesting PID or fixing a PID Audio.
- Transport Stream frame correction and output MER regeneration.
- Upgradable software through control unit MCU/LPU.



Supply voltage	V	5	12	30
Current drawn TTT / TTT-CI	mA	600 / 730	375	2
Current drawn TTT TWIN-CI	mA	900	450	2
Total Power without CAM	W	7.5 (TTT), 8 (TTT-CI) / 10 (TTT-TWIN-CI)		
Operating temperature range		0 ÷ 45° C		

MODEL	TTT 8000	TTT-CI 8000	TTT-TWIN-CI 8000
Reference	08290	08291	08293
INPUT			
Multiplex number	1		2
Standard	DVB-T (EN 300744)		DVB-T(EN 302755)
Frequency band	MHz 174 ÷ 862 (Δ = 166 KHz)		
Input level	dBμV 40 ÷ 90		47 ÷ 90
Input loop through losses	dB ±1		<1.5
TRANSPORT STREAM PROCESSING			
Conditional access	NO		SI (DVB-CI: EN 50221)
Table processing	PAT, CAT, PMT, SDT, NIT, EIT, BAT, TDT/TOT		
Parameter edition	tsid, onid, sid, nid, service_name, network_name, LCN		
OUTPUT			
Multiplex number	1		2
Standard	DVB-T (EN 300744)		
Bandwidth	MHz 6, 7, 8		
MER	dB > 38		
RF OUTPUT			
Frequency Band	MHz 50,5 ÷ 858 (Δ = 166 KHz)		
Output level	dBμV 65 ÷ 80 (Δ = 0,5 dBμV)		65 ÷ 78 (D=0,5 dBμV)
Output loop through losses	dB < 1,5		
Spurious in band	dBc < - 54		
Dimensions	mm 265 x 195 x 40		
Weight	Kg 1,33		

HEADENDS