

MULTI-TREATMENT HEADERS

COFDM TO COFDM REGENERATORS

TTT 8000 Series

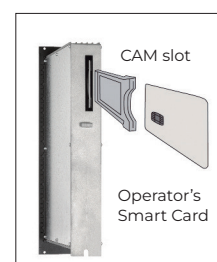
Transmodulation of one or two COFDM multiplexes into one or two DVB-T multiplexes in the 47–862 MHz band.
Regeneration of one or two COFDM multiplexes.

APPLICATION

For use in hotels, hospitals, public buildings and CATV networks for the distribution of COFDM digital terrestrial signals via a single cable, modulating them in accordance with the DVB-T standard. Models with a Common Interface (8291 and 8293) allow encrypted services to be accessed using CAM modules and cards with the appropriate rights.

FEATURES

- Selection of services of interest from any input to any output, indicating the channel capacity.
- Decryption of encrypted programmes with CI models (8291/8293). The twin model allows services from both inputs to be decrypted simultaneously.
- Transport-Stream processing:
 - Regeneration of DVB-SI tables: editing of table versions.
 - Regeneration of the NIT table at module level or installation level.
 - Editing of transport stream parameters: tsid, onid.
 - Editing of service parameters: service name and identifier (sid).
 - Editing of network parameters: network name and identifier (nid).
 - Insertion of LCN (channel number).
 - Removal of PIDs that are not of interest.
- Correction of errors in the transport frame and regeneration of the outgoing MER.
- Software upgradeable via MCU/LPU.



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

MODEL		TTT-TWIN-CI 8000
Reference		08293
INPUT		
Number of multiplexes		2
Standard		DVB (EN 302755)
Frequency band	MHz	174 ÷ 862 (Δ = 166 KHz)
Input level	dB μ V	47 ÷ 90
Insertion loss in input loop	dB	< 1.5
TRANSPORT STREAM PROCESSING		
Conditional access		Yes (EN 50221)
Table processing		PAT, CAT, PMT, SDT, NIT, EIT, BAT, TDT/TOT
Parameter editing		tsid, onid, sid, nid, service_name, network_name, LCN
OUTPUT		
Number of multiplexes		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	dB μ V	65 to 78 (Δ = 0.5 dB μ V)
Pass loss in output loop	dB	< 1.5
In-band spurious emissions	dBc	< -54
Packaging dimensions	mm	265 x 195 x 40
Weight	kg	1.33