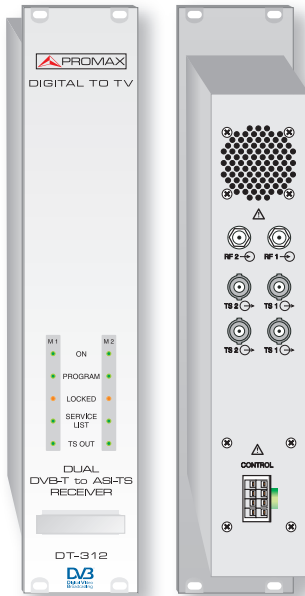


Dual DVB-T Receiver with CAM and ASI output



DT-312 modules (double) are digital terrestrial receivers compatible with DVB-T standard. They can receive a multiplexed digital terrestrial signal and output the Transport Stream in TS-ASI format.

Each terrestrial receiver has two identical TS-ASI outputs.

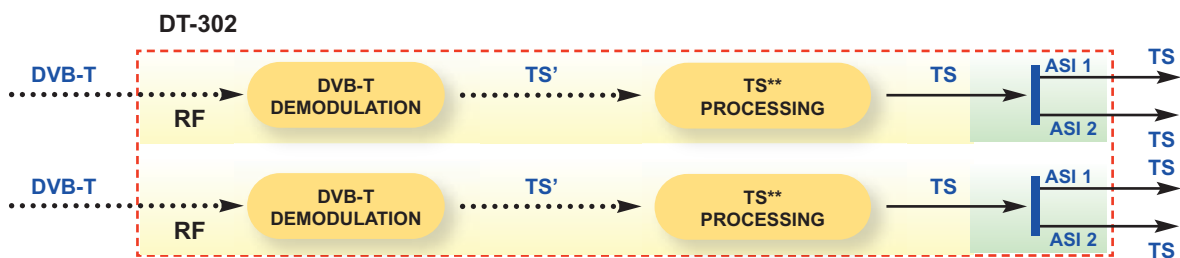
Specifications	DT-312
RF Input (DVB-T) Type Connector Frequency range Input Level Information	2 independent DVB-T inputs 75 Ω F-Type, Female From 170 to 870 MHz. 45 – 100 dB μ V MER of the signal
DVB-T Receiver Parameters Carriers Bandwidth Guard Interval Code Rate Constellation Spectral Inversion	2 k, 8 k 7 MHz, 8 MHz 1/4, 1/8, 1/16, 1/32 Automatic (1/2, 2/3, 3/4, 5/6, 7/8) Automatic (QPSK, 16-QAM, 64-QAM) Automatic (ON, OFF)
Configuration	Through the DT-800 Control Module in local (keypad) or remote mode (PC). See DT-800 specifications
Transport Stream Processing Only available when connecting to a DT-1XX modulator	Selection of Services by Name or streams filtering by PID (PID Filtering with Filtering Table up to 32 PID) Automatic Regeneration of PAT and SDT tables Adaptation of NIT table: - Editable NID (Network Identifier) - Management for LCN (Logic Channel Number) for each module and each service
TS Output Type Connector Packets	2 independent DVB-ASI double outputs* BNC female, 75 Ω TS Packets of 204 bytes length
Power supply Connector Voltage and highest consumption	Via the DT-800 Control and Power module. JST B08P-XL-HDS (Connecting Cable supplied with the DT-800 module) +12 V <0.55 A +5 V <1.4 A

Dual DVB-T Receiver with CAM and ASI output

Mechanical features Dimensions Weight	50 mm (W.) x 262 mm (H.) x 230 mm (D.) 1.53 kg
Included accessories 1x 0 CC024 1x 0 CC027 1x 0 MI1674	BNC/BNC Cable 25 cm BNC/BNC Cable 50 cm User's Manual
Minimal configuration needed 1x DT-800 1x Mounting structure	Power and Control Module Rack and wall mounting structure (DT-900) or Rack mounting structure (DT-900B)

* Double TS outputs deliver 2 copies of the same TS. Combining them with a **DT-1XX** modulator, allows distributing easily various services from a TS in 2 different output multiplexes, but only using one receiver.

Functional scheme



** Available functions to process TS depend on the chosen combination of "Digital To TV" modules. For more details, see modules specifications.