

DVB-T Modulators

GNTMOD, GNDTMOD

CHAMELEON GNxTMOD DVB-T Output

The CHAMELEON DVB-T modulators are enabled by the SW options GNTMOD (single DVBT out) and GNDTMOD (dual DVB-T out). The DVB-T modulators supports both 2k and 8k mode, and all defined settings for modulation, FEC and Guard Interval. Complying to the DVB-T EN 300 744, the Chameleon DVB-T modulators gives professional DVB-T outputs for all types and sizes of cable networks.

- UP TO 2 COFDM OUT IN ONE CHAMELEON
- ALL MODULATION PARAMETERS
- OUTPUT FREQUENCY 40-860 MHZ
- HIGH OUTPUT LEVEL
- HIGH MER VALUES
- ADJACENT CHANNELS



Any Video from any Source to any Device

The CHAMELEON product line is the first ever to cover almost every need for Cable-TV and SMATV distribution with only one hardware. The different inputs and outputs are defined by software and hardware options and all software options can be updated any time.



Graphical User Interface for easy set up of complex systems. Simple handling of service remultiplexing and automatic PSI/SI regeneration. Each CHAMELEON contains an embedded web server for management and control. Standard web browsers (Explorer, Mozilla etc.) are supported.

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General information about SW options

A SW option purchased for a CHAMELEON can only be used in this specific CHAMELEON. When ordering a SW option for a specific CHAMELEON, the serial number of the CHAMELEON must be stated. SW options can be ordered together with the CHAMELEON HW modules, or separately to an existing CHAMELEON module.

Technical Information

DVB-T Modulation	
Number of modulators	Up to 2 DVB-T outputs
COFDM mode	2k, 8k
Guard interval	1/4, 1/8, 1/16, 1/32
FEC	1/2, 2/3, 3/4, 5/6, 7/8
MER	> 38 dB, typical 40 dB
Modulation	QPSK, 16QAM, 64QAM
DVB-T compliance	DVB-T (EN 300 744)
Max output bit rate	31.7 Mbit/s (64-QAM, FEC 7/8, GI 1/32)
Output frequency	40-860 MHz
Output level	103 dμBV, 1 channel 100 dμBV, 2 channels
Spurious suppression	> 60 dBc
Channel bonding	All outputs within 40 MHz band (5 channels @ 8 MHz)

SW options	Article number	Description
GNTMOD	71749	Single DVB-T (COFDM) out
GNDDTMOD	71750	Dual DVB-T (COFDM) out

Related SW options, and constraints	
GNMUX	Enabling selection of services from several input sources to an output
GNSYMUX	Enabling PSI/SI sharing between Chameleons in a system
GNSCR	Enabling scrambling of the outputs