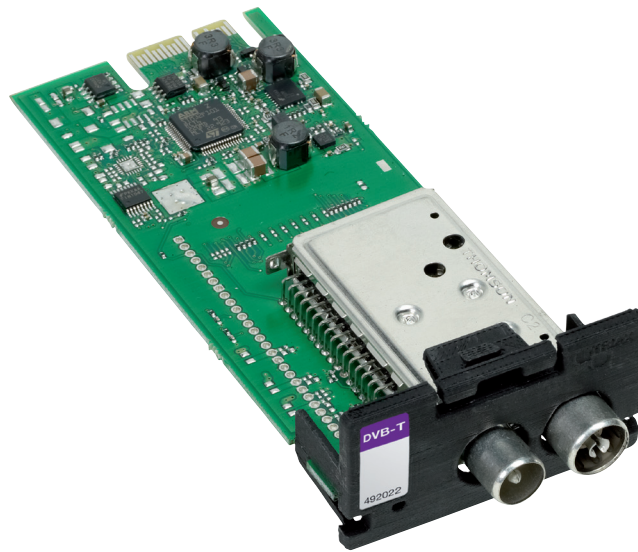


TDX DVB-T Input Module COFDM Modulator

Part# GK-TDXDVBTFE



The DVB-T frontend module is an input module for the reception of digital terrestrial signals in a TDX headend system. The module can receive a complete bouquet of all services on the chosen frequency can be transferred to the TDX pool. The DVB-T frontend module includes a COFDM tuner with antenna loop through and a QSPK/16QAM/64QAM demodulator with serial transport stream input to the TDX headend system.

The DVB-T modules can be placed in any of the slots in the input section. For ease of use, each slot has been given a number and an overview of the slot numbers is placed on a sticker mounted on the inside of the door on the TDX frame. It is possible to remove an input module from a module slot without using any tools. Using your fingers, simply press the fastener downwards and then pull the module of the module slot.

KEY FEATURES

- Antenna loop through.
- Software downloading through TDX system controller module.
- Preconfiguration from/to file through system controller module.
- Log to file/flash.
- DVB-T compliant
- Demodulates QSPK, 16QAM, 64 QAM.
- Carrier 2K or 8K
- Hot swap service in TDX system.
- All services will be transferred to the TDX pool.

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RF			
Frequency range	MHz	177.5-226.5 / 474-858	
Input level	dB μ V	> 35	
Input impedance	Ohm	75	
Input return loss	dB	> 6	
Loop through gain	dB	-3 to +3	
Bandwidth	MHz	7/8	
Carrier		2K / 8K	
Input connector		IEC (PAL) Female Connector	
Output connector (loop through)		IEC (PAL) Male Connector	
Environment			
Temperature, operating	°C	-10...+50	
Temperature, storage	°C	-20...+70	
Humidity, operating	%	20...80	
Humidity, storage	%	10...90	
Mechanical data			
Input connector		IEC (PAL) Female Connector	
Output connector		IEC (PAL) Male Connector	
Power supply/control connector	mm	Edge connector 2X18P	
Weight	kg	0.080	
Dimension (HxDxW)	mm	29 x 132 x 50	
Remarks			
Configuration		Frequency, Polarity, Symbol rate, Update (search)	