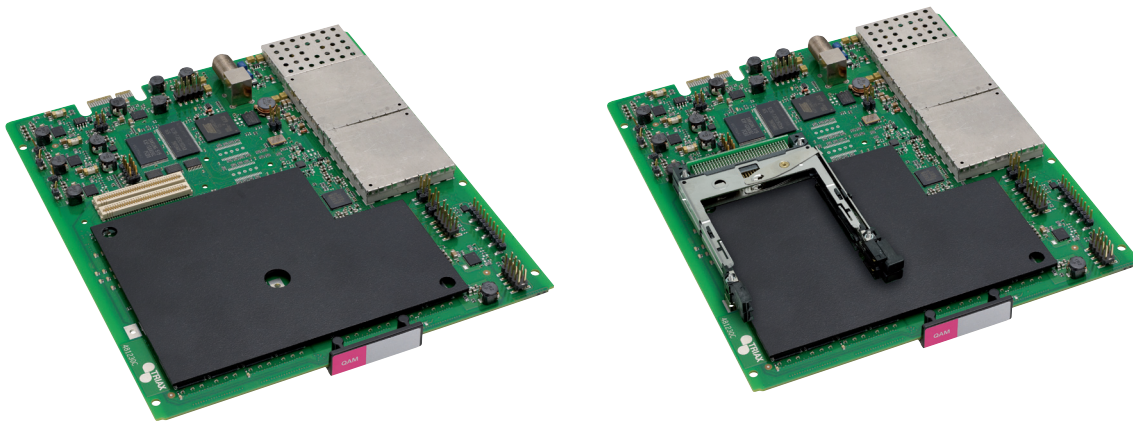


# TDX Quad QAM Output Module DVB-C in FTA or with 2 x CI Slots

Part# GK-TDXQAMBE (FTA)

Part# GK-TDXQAMCIBE (Conditional Access)



The TDX quad QAM backend module is an output module that enables you to create up to 4 mux combinations of services/TV programs which are available from the TDX pool. The services are distributed in a QAM data stream. The services can be combined so that the bandwidth of each output mux is used in an optimal way. Both the web configurator and the mux bandwidth monitor function in the TDX service tool ensure that you don't overload the bandwidth and cause problems with the transmission. The QAM output modules can be delivered in a free-to-air version or with 2 CI slots for decryption.

## KEY FEATURES

- Quad QAM DVB-C output module for FTA or for decoding content/ services
- NIT and stuffing
- Global and local NIT support
- NIT actual network & NIT other network
- SDT actual transport stream & SDT other transport stream
- Easy set-up
- Hot swap service in TDX system.
- All services will be transferred to the TDX pool.
- Supports decoding - Module adds stuffing bits
- Combine your QAM muxes as you want

# TDX Quad QAM Output Module DVB-C in FTA or with 2 x CI Slots

Part# GK-TDXQAMBE (FTA)

Part# GK-TDXQAMCIBE (Conditional Access)

Product		Quad QAM backend module FTA	Quad QAM backend module CI
<b>Modulator</b>			
Output frequency range	MHz	50-858	
Bandwidth	MHz	6 / 7 / 8	
Frequency step	kHz	250	
Carrier to spurious ratio (module only)	dB	> 60	
Output mode	QAM	16, 32, 64, 128, 256	
Output spectrum		Normal	
Output level adjustment	dB	+ 3... - 17 (0.5dB Steps)	
Output level nominal in TDX system	dBμV	100	
Output impedance	Ohm	75	
Symbol rate	Mbaud	3.5 - 7200	
Roll off factor		0.15	
Return loss output	dB	> 10	
Modulation error ratio (MER) 16 QAM	dB	≥ 38.0	
Modulation error ratio (MER) 64 QAM	dB	≥ 38.0	
Modulation error ratio (MER) 256 QAM	dB	≥ 38.0	
CI slots	pcs.	0	2
<b>General</b>			
Supply voltage	V	12.0 ±1	
Max. supply current (FTA / CI)	A	0.7	0.9
<b>Mechanical data</b>			
RF connector		F-connector	F-connector
Power supply/control connector	mm	PCI Express Edge connector 36P	
Weight	kg	0.410	0.440
Dimension (HxDxW)	mm	12 x 162 x 180	21 x 162 x 180