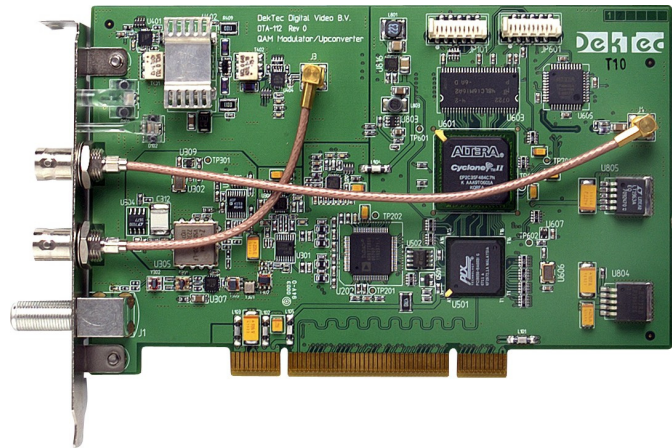


QAM-A/B/C Modulator with VHF/UHF Upconverter

- ❑ Low-Cost QAM Version of DTA-115
- ❑ Programmable Output Level
- ❑ Bi-directional DVB-ASI Port

FEATURES

- Supports J.83 Annex A (DVB-C), B and C
- QAM-16, QAM-32, QAM-64, QAM-128, QAM-256
- All-channel upconverter 47 .. 862MHz covering full VHF and UHF band
- Output amplifier with programmable 0 .. 31.5dB attenuator in 0.5dB steps
- Can be used with DTA-Plus to extend output-level range
- Monitor output for direct connection to the antenna input of a digital receiver
- Bi-directional DVB-ASI port
- Programming interface (DTAPI) is fully compatible with other DekTec digital-video output adapters
- PCI rev 2.2, 32 bit, 33 or 66 MHz bus



APPLICATIONS

1. QAM test generator
2. QAM output for your (OEM) application, e.g. hotel server
3. Repair of QAM set tops

KEY ATTRIBUTES

Parameter		Value
Modulation		J.83 Annex A/B/C
Frequency Range		47 .. 862MHz ±1ppm
Bandwidth		5.0 .. 8.0MHz
MER		≈40 dB
Main Output	Connector	75-Ω BNC
	Return Loss	≥15dB (47 .. 862MHz)
	Level	-31.5 .. 0dBm ±2dB
	Phase Noise	<-90dBc @ 10kHz
Spectral Purity		>50dB (47 .. 862MHz)
Monitor Output	Connector	75-Ω F
	Return Loss	≥15dB (47 .. 862MHz)
	Level	-27.5dBm ±3dB
DVB-ASI	Connector	75-Ω BNC
	Return Loss	≥15dB (5 .. 270MHz)

RELATED PRODUCTS

Modulation	Standard
DTA-115	Multi-Standard Modulator with VHF/UHF upconverter
DTA-Plus	VHF/UHF Attenuator for DTA-115 (works with DTA-112, too)

ORDERING INFORMATION

Type	Description
DTA-112-SP	QAM-A/B/C VHF/UHF Modulator with <i>StreamXpress</i>

The latest pricing information and a list of DekTec resellers can be found on www.dektec.com. An OEM version of the DTA-112 is available upon request; please contact DekTec for OEM conditions.