

DT-ATSC-QAM-8 Transmodulator



Description:

The Data-Tronix DT-ATSC-QAM-8 allows the operator to create a custom QAM distribution system output from ATSC off-air and/or QAM input sources. This unit accepts eight 8VSB Off-Air or clear QAM sources and outputs these in QAM. The outputs can be mapped to a desired TV channel. The DT-ATSC-QAM-8 unit will also process most major local networks broadcast that have a second or third local channel which can contain important weather related content, local sports, and secondary programming. Integrators who are concerned with reliability will find this unit to be the perfect solution for adding external off air or clear QAM content to their coaxial distribution system. Additionally it's flexibility provides a convenient, reliable, inexpensive secondary source for local broadcast sources when the primary source (satellite, CATV etc.) is not available.

Features:

- 8 Independent ATSC (8VSB)/J.83B (QAM-B) Inputs
- Up to 8 Independent QAM-B Outputs
- Graphic User Interface for configuration
- Sources can be mapped to output QAM TV channels.
- Rack mountable 1RU height

Package Contains:

- One DT-ATSC-QAM-8 Transmodulator
- One power cable
- One installation/configuration manual (An eManual will be supplied)

SPECIFICATIONS:

Terrestrial/ Cable	Input	F connector	Number	8
	Loop Through			8
	Channel Type			ATSC:8VSB, J.83B: STD/HRC/IRC
	Frequency		MHz	ATSC: 177- 803, J.83B: 177~861 (STD)/ 175.7587 to 859.7929 (HRC)/ 177.0125 to 861.0125 (IRC)
	Constellation			ATSC: 8VSB, J.83B: 64-QAM/256-QAM
QAM-B	Output Connector	"F" Female	Number	1
	Modulation			64-QAM/256-QAM
	Standard			J.83B
	Frequency		MHz	J.83B: 177~861 (STD)/ 175.7587 to 859.7929 (HRC)/ 177.0125 to 861.0125 (IRC)
	Channel's Bandwidth		MHz	6
	Output Level		dBmV	33 ± 1dBmV
	Output Impedance		ohm Ω	75
	Level Adjustment		dB	0 to 20
	Virtual Channel Number (VCN)			Configurable
	Carrier Suppression		dB	40
	Return Loss		dB	12
	MER		dB	40 dB Typical @ 663.0000 MHz
LED	Power LED			1x Green (ON)
	Indicator LEDs			8x Green (Input Signal Locked) OFF (Input Signal Unlocked)
General	Configuration	RJ45 100Base-T Ethernet		Web GUI
	Control Protocols			HTTP/Restful API
	Power		Watt	35
	Input Line Voltage		VAC/Hz	95 - 264 / 50 - 60
	Dimensions		Inches/mm W x D x H	19.00" x 9.37" x 1.70" 482.7mm X 238mm X 43.2mm (Excluding Connectors)
	Weight		lbs./kg	8 lbs 13.01 oz, 4 kg