

NXG-QAM32-ProIdiom-PT

Pro:Idiom™ Pass-Through Module



Key Features

- » Reliable, secure HD programming
- » Up to 3 audio streams; up to 11 extra PIDs per program
- » Configurable with both HD and SD programming
- » Ability to change PSIP information
- » Provides fully independent QAM channels
(no QAM channel blocks)
- » Supports MPEG-2 and H.264 video
- » Multiplexes SPTS programs to MPTS for QAM output

Product Overview

The **NXG-QAM32-ProIdiom-PT (Pro:Idiom Pass-Through Module)** holds the same functionality as the NXG-32CH-QM 32 Channel QAM Modulator module, while supporting IP Pro:Idiom encryption pass-through to QAM.

Ordering Information

Model	Stock #	Description
NXG-QAM32-ProIdiom-PT	6785 1	Pro:Idiom Pass-Through Module

Pro:Idiom™ Pass-Through Module

Specifications

Input		Output	
Bandwidth:	2.2 Gb transport streams from the NXG Mainframe Backplane	QAM	
Alarms & Monitoring		Connector:	1x "F" Female (Front-panel; for combined output)
Front Panel:	1x Status LED (Green)	Modulation:	QAM 256
Monitor Output:	RF Out Test (-20 dB) connector	Standards:	ITU-T J.83; Annex A and B
		DVB Symbol Rate:	Variable; ≤ 7 MSymbol/sec (MBaud)
		Frequency Range:	54 to 1002 MHz (all Ch.'s ≤ 768 MHz)
		Tuning:	CATV Channel Selectable (Ch. 2 - 158)
		RF Level:	+45 dBmV (per channel)
		Output Level Range:	30 to 45 dBmV (all configured channels)
		Freq. Tolerance:	± 0.5 kHz @ 77 °F (25 °C)
		Freq. Stability:	± 5 kHz over 32 to 122 °F (0 to 50 °C)
		Amplitude Flatness:	± 0.25 dB (over 6 MHz channel)
		Phase Noise:	-98 dBc (@ 10 kHz)
		Spurious:	-60 dBc
		Impedance:	75 Ω
		Return Loss:	14 dB typical
		SNR:	40 dB typical
		MER:	39 dB typical
		I/Q Phase Error:	Less than 1 degree
		I/Q Amplitude Imbalance:	Less than 1%
		General	
		Dimensions (W x D x H):	1.15 x 15.5 x 7.0 in. (29 x 394 x 178 mm)
		Power:	Via NXG Mainframe Backplane
		Power Consumption:	32 W
		Weight:	2.0 lbs (0.9 kg)
		Operating Temp:	32 to 122 °F (0 to 50 °C)
		Storage Temp:	-13 to 158 °F (-25 to 70 °C)
		Operating Humidity:	0 to 95% RH @ 35 °C max, non-condensation

Related Product

Model	Stock #	Description
NXG-32CH-QM	6785	QAM Output Module; 32 Agile QAM Carriers