



HP-24M 24 in1 Analog Modulator



Description:

The HP-24M is a 3RU rack mounted chassis that allows for installation of up to 24 pieces microprocessor-controlled fixed mini-modulators. Built-in active combiner eliminates unnecessary cabling and potential connection problem and ensures high output level . All modulators are perfect factory set to desired channel and proper offset.

Features:

1. Switching power supply for installation flexibility and precise voltage regulation
2. Two cooling fans for long life performance
3. 40dBmV chassis output level, no need extra combiner
4. SAW(surface acoustic wave) filtering on IF for superior in band C/N
5. Front panel access controls enables easy setup
6. Rear panel has a combiner loop for easy connection
7. Stereo function optional

Specification of Chassis:

Frequency range	47~860MHz	Video input connector	RCA (Yellow)
Output level	≧40dBmV	Audio input connector	RCA (White)
C/N in-band	60dB	RF output connector	75Ω F-Female
C/N out-band	62dB	Voltage input	DC 5V for mini modulator AC 240V input chassis

Mini Modulator:

	Fixed MO
Output Frequency	47-860MHz
Output Level	102dBuV ±2dB
A/V Ratio	-11 to -18dB(Adj.)
Frequency Stability	±5KHz

Video 75ΩF-female
Input Level 0.6-1.5Vp-p(87.5% Modulation)
Video C/N 50dB
Hum/Noise -50dB
Modulation Range 0~90%
Audio 75ΩF-female
Input Level 1Vp-p(25KHz Dev.)
Distortion 1%



