

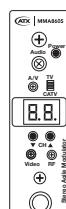
MPCM45

SAW Filtered Single Channel A/V Mini-Modulator

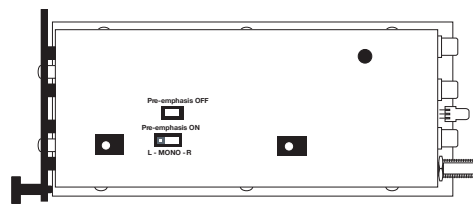


Features

- 45 dBmV minimum output for a 66 dB in-band carrier to noise ratio provides superior picture quality
- 82 Channel frequency range 54 MHz to 550 MHz (CATV 2~13, A1~A5, A~PPP)
- SAW (surface acoustic wave) filtered for superior adjacent channel performance enables drop-in channel expansion
- BTSC stereo compatible pre-emphasis disable switch provides pass-through for stereo signals
- Front panel access controls enables easy setup
- Single-slot design allows up to 12 or 16 units in Pico Macom's MPC-12, MPC-12R and MPC-16PS/CS chassis
- IRC and HRC offsets available for frequency settings in systems using offset channels
- Compatible with most manufacturers' mini-modulator chassis
- Optional PAL format channels available



Slide View



Rear View



Front View

- ← Audio Input
- ← Audio Input
- ← DC Power Inputs
- ← Video Input
- ← RF Output

Specifications

OUTPUT FREQUENCY RANGE	54 to 550 MHz
RF OUTPUT LEVEL (MIN)	45 dBmV
TUNING	Channelized
CARRIER TO NOISE (IN-BAND)	66 dB
CARRIER TO NOISE (OUT OF BAND)	67 dB
SPURIOUS OUTPUT	> 65 dB
VIDEO FREQUENCY RESPONSE	±1.2 dB
VIDEO SIGNAL TO NOISE	60 dB
AUDIO INPUT TYPE	Monaural/MTS Baseband
AUDIO FREQUENCY RESPONSE	50 to 15,000 Hz

VIDEO INPUT CONNECTION	75 Ω F-Female
AUDIO INPUT CONNECTION	5K Ω RCA-Female Unbalanced
RF OUTPUT CONNECTION	75 Ω F-Female
VOLTAGE INPUT	+5, +12 VDC
DIMENSIONS	1" (L) x 8.7" (D) x 3.4" (H)
WEIGHT	1 lb.

Ordering Information

Part Number	Description
MPCM45	SAW Filtered Single Channel A/V Mini-Modulator

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Rev. 04/19 (ANW1411)



ATX Networks

1-501 Clements Road West, Ajax, ON L1S 7H4 Canada
Tel: 905.428.6068 | Toll Free: 800.565.7488 | support@atx.com