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PICO DIGITAL™

Mini-Modulators, Mini-Demodulators & Chassis

MPCM45 SAW Filtered Single Channel A/V Mini-Modulator

- 45dBmV minimum output for a 66dB in-band carrier to noise ratio provides superior picture quality
- 125 Channel Frequency Range 54~806MHz (CATV 2~13, A1~A5, A~ZZZ, 89~125, UHF 14~69)
- 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
- Nickel plated precision brass threads

MPCM45

MPCMA SAW Filtered A/V Mini-Modulator

- 45dBmV minimum output for a 63dB in-band carrier to noise ratio provides superior picture quality
- 135 Channel Frequency Range 54~860MHz (CATV 2~13, A1~A5, A~ZZZ, 89~135, UHF 14~69)
- Agile microprocessor control enables quick digital push-button channel selection for ease of installation, configuration and improved system uptime
- 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
- Three-digit LED display provides quick channel identification
- Non-volatile memory ensures channel programming remains after power loss
- IRC and HRC offsets available for frequency settings in systems using offset channels
- Compatible with most manufacturers' mini-modulator chassis
- PAL option available for international operation

MPCMA

MPCD Agile A/V Mini-Demodulator

- 125 Channel Frequency Range 54~806MHz (CATV 2~13, A1~A5, A~ZZZ, 89~125, UHF 14~69)
- Agile microprocessor control with push-button channel selection provides ease of installation, configuration and servicing
- SAW filtered for precise adjacent channel rejection
- >60dB signal to noise ratio for crisp, sharp picture
- Digital display provides quick channel identification
- Non-volatile memory ensures channel programming remains after power loss
- Single-slot design allows up to 12 or 16 units in Pico Macom's MPC-12, MPC-12R and MPC-16PS/CS chassis
- Fully compatible with most other manufacturers' "mini-mod" chassis

MPCMD

Mini-Modulators, Mini-Demodulators & Chassis

MPC-12 / MPC-12C 12-Slot Universal Mini-Mod Chassis & Power Supply
MPC-PSF12/16 Universal Power Supply Module

- High capacity fully regulated power supply provides the most efficient performance, ensuring reliability over a wide range of environmental conditions
- High efficiency power supply (over 70%) equipped with cooling fan minimizes power consumption and heat dissipation
- Current overload protection prevents damage to system and prolongs power supply life
- Internal fusing circuitry provides current overload protection and precise voltage regulation, preventing component damage

MPC-BP Universal Chassis Blank Plate

- Blocks escape of cool air when used with forced air ventilation systems
- Provides uniform look when not all module slots are filled
- Slides easily into Pico Macom mini-chassis systems and those of other manufacturers

MPC-12

MPC-BP

MPC-PSF12/16

Specifications

Module Capacity	12	**Audio Input Connector**	5K F-Female Unbalanced
Input Voltage Range	90-240 VAC	**RF Output Connector**	75 F-Female
Input Voltage Frequency	47 - 63 Hz	**UR Listed Power Supply**	Yes
Power Required	68 Watts Each	**Operating Temperature**	10-50°C
Output Volt. (V1) @ 4A	5 VDC	**Dimensions (L x D x H)**	
Output Volt. (V2) @ 4A	12 VDC	MPC-12/12C	19" x 7.5" x 3.5"
Efficiency	70%	MPC-BP	1" x 4" x 3.4"
Line Load Regulation	±1%	**Weight**	
Minimum Load	10%	MPC-12	7.8 lbs
Video Input Connector	75 F-Female	MPC-BP	0.4 lbs

Ordering Information

MPC-12	12 Slot Universal Mini-Mod Chassis and Power Supply
MPC-12C	12 Slot Universal Mini-Mod Chassis Only
MPC-BP	Universal Chassis Blank Plate
MPC-PSF12/16	Universal Power Supply