



Pico Macom PCM55SAW

550MHz Channelized-Agile PLL SAW-filtered A/V Modulator

Description

The Pico Macom PCM55SAW is a professional grade microprocessor controlled phase-locked loop synthesized channelized-agile audio-video modulator. The PCM55SAW provides a full 55dBmV minimum output from sub-band channels T7 through T13, and CATV channels 2 to 78 including channels 95 to 99 while accommodating HRC and IRC offset frequencies (5.75-550MHz). This modulator is used in more heavily channel-loaded systems and where cost effective expansion up to 550MHz is desired. Pico Macom backs up this product with its industry leading 5-year limited warranty.



Key Features

- 90-Channel Range 5.75-550 MHz (CATV T7-T13, 2-78, 95-99)
- Full 55dBmV output for optimum carrier-to-noise performance
- In-band carrier-to-noise ratio >62dB ensures superior picture quality
- BTSC Stereo Compatible pre-emphasis disable switch provides pass-through for stereo signals
- Highly accurate DIP switch controlled digital phase-locked loop (PLL) design guarantees precise frequency locking for solid driftfree operation
- SAW filtered IF for superior adjacent channel performance enables drop-in channel expansion
- Easy lab retuning of output filter for reduced inventory of spares and less down time
- Front panel controls and test point enable easy setup and monitoring
- IRC and HRC offset available for frequency settings in systems using offset channels
- Auxiliary AC outlet for convenience
- Optional PAL format channels available

PCM55SAW

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