

PFAM550SUB

550 MHz Agile A/V Modulator With Sub-Band

Features

- 60 dBmV Minimum output for a 64 dB in-band carrier to noise ratio provides superior picture quality
- 89 Channel frequency range 5.75 to 550 MHz (CATV T7-13, 2-13, A1-A5, A-PPP)
- Sub-band operation enables remote TV origination, making it ideal for institutional cable systems
- Front panel DIP switch-controlled phase-locked loop for solid drift-free output on any channel
- SAW filtered for superior adjacent channel performance enables drop-in channel expansion



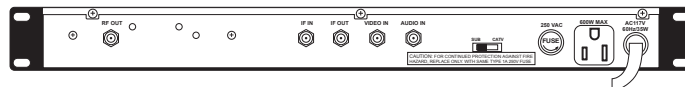
PFAM550SUB
(front view)

- Front panel test point for easy RF level system monitoring
- Composite audio-video IF loop provides compatibility with encoders, ghost cancelers and video-override applications
- IRC and HRC offsets available allow for easy frequency settings in systems using offset channels
- Double heterodyne conversion provides superior spurious harmonic output suppression
- BTSC stereo compatible pre-emphasis disable switch provides pass-through for stereo signals
- UL Approved

Front View



Rear View



Specifications

OUTPUT FREQUENCY RANGE	5.75 to 550 MHz
TUNING	Agile
RF OUTPUT LEVEL (MIN)	60 dBmV
CARRIER TO NOISE (IN-BAND)	64 dB
CARRIER TO NOISE (OUT OF BAND)	66 dB
SPURIOUS OUTPUT	> 65 dB
COMPOSITE IF OUTPUT LEVEL	30 dBmV
VIDEO FREQUENCY RESPONSE	± 1.5 dB
VIDEO SIGNAL TO NOISE	53 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 F-Female Unbalanced

RF OUTPUT CONNECTION	75 Ω F-Female
VOLTAGE INPUT	90 to 240 VAC
POWER OUTPUT RECEPTACLE	Yes
DIMENSIONS	19" (L) x 12" (D) x 1.75" (H)
WEIGHT	8.5 lbs.

Ordering Information

Part Number	Description
PFAM550SUB	550 MHz Agile A/V Modulator With Sub-Band
PFAM550	550 MHz Agile A/V Modulator
PFAM550MT	550 MHz CATV Microprocessor-Control Agile A/V Modulator

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