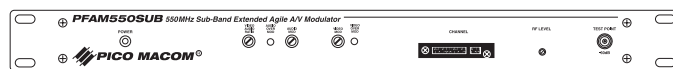




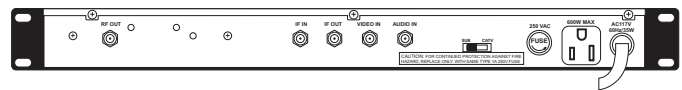
PFAM550 550MHz Agile A/V Modulator

PFAM550SUB 550MHz Sub-Band Extended Agile A/V Modulator

- 60dBmV Minimum output for a 64dB in-band carrier to noise ratio provides superior picture quality
- 82 Channel frequency range 54~550MHz (CATV 2~13, A1~A5, A~PPP) **(PFAM550)**
- 89 Channel frequency range 5.75~550MHz (CATV T7~13, 2~13, A1~A5, A~PPP) **(PFAM550SUB)**
- 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
- 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	5~550MHz	Voltage Input (PFAM550SUB)	90~240VAC
Tuning	Agile	Voltage Input (PFAM550)	115~240VAC
RF Output Level (min) (PFAM550SUB)	60dBmV	Power Output Receptacle	Yes
RF Output Level (min) (PFAM550)	57dBmV	Dimensions	19" (L) x 12" (D) x 1.75" (H)
Carrier to Noise (In-band)	64dB	Weight	8.5 lbs.
Carrier to Noise (Out of band)	66dB		
Spurious Output	>65dB		
Composite IF Output Level	30dBmV		
Video Frequency Response	±1.5dB		
Video Signal to Noise	53dB		
Audio Input Type	Monaural/MTS Baseband		
Audio Frequency Response	50~15,000Hz		
Video Input Connection	75Ω F-Female		
Audio Input Connection	5KΩ F-Female Unbalanced		
RF Output Connection	75Ω F-Female		

Ordering Information

- PFAM550SUB** 550MHz Sub-Band Extended Agile A/V Modulator
- PFAM550** 550MHz Agile A/V Modulator

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