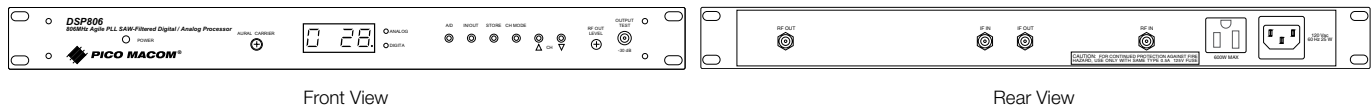




DSP806 HDTV Agile Channel Processor

- ATSC (HDTV), QAM, and NTSC compatibility for CATV and terrestrial broadcast applications provides maximum compatibility for all signal processing
- High 45dBmV output for optimum carrier-to-noise performance
- Microprocessor control enables digital push-button input and output channel selection for ease of installation, configuration, and servicing
- In-band carrier-to-noise ratio >65dB ensures superior picture quality.
- SAW filtered for superior adjacent channel performance enables drop-in channel expansion
- Non-volatile memory for input and output channel recall in the event of power failure
- Front panel controls and test point enable easy setup and monitoring
- Double heterodyne conversion provides over 60dB spurious output and channel rejection for interference-free adjacent channel operation
- Broadcast-quality specifications for unparalleled data translation
- IF loop provides compatibility with CMTS, QAM modulators and IF scramblers
- IRC and HRC input and output offset available for frequency settings in systems using offset channels
- Auxiliary AC outlet for convenience



Specifications

Input Bandwidth	54~806MHz	Spurious Output	>65dB
Input RF Level (analog)	10dBmV	Output Frequency Stability	±5kHz
Input AGC Range (analog)	0~25dBmV	RF Input Connection	75 F-Female
Output Bandwidth	54~806MHz	RF Output Connection	75 F-Female
RF Output (analog max)	55dBmV	Voltage Input	110~120VAC
RF Output (digital max)	40dBmV	Power Output Receptacle	Yes
Carrier to Noise (In-band)	>60dB	Dimensions	19(L) x 9(D) x 1.75(H)
Carrier to Noise (Out of band)	>68dB	Weight	7.9 lbs.

Ordering Information

DSP806 HDTV Agile Channel Processor