

Features and Benefits

- » Dual input AT series of channel amplifier which is push button programmable
- » Loop through F connectors for both output and input allowing cascading to more modules
- » LED display for channel and programming information and 1RU rack mountable
- » Frequency range 170-230MHz, 470-862MHz



Headend Equipment

Matchmaster has a full range of Headend Equipment from entry level to complex systems, including engineering support and system designs. Matchmaster can offer simple Channel Filters with AGC through to complex DVB modules for any type of broadcast including Encoders, Modulators & Transmodulators for DVB-T, DVB-C, DVB-S/S2, IP, ASI, SDI, FM and many more.



14MM-AT421 Specifications

Number of Internal Channel Amplifiers	2
Channel Range	20-75
Bandwidth	7MHz
Selectivity	-40dB at 32MHz from edge of 7MHz filter
Loop Through Gain	0 ± 1.5dB
Return loss	>12dB
Output Level	85dBµV
Attenuation Available	0-10dB in 1 dB steps
Frequency range of RF combining	47-2150MHz
Combining through loss Terr/Sat	1.5/2.5dB
Return Loss	>10dB
Noise Figure	8dB
Flatness of channel bandwidth	31.5dB
Masthead Amplifier Supply	12V 100mA max
Power Consumption	12V 450mA
Temperature Range	0-50°C