

UHF Twin Amplifier 7MHz Channel AGC

14MM-AT421



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



TERRA

14MM-AT421 Specifications

Number of Internal Channel Amplifiers	2
Channel Range	20-75
Bandwidth	7MHz
Selectivity	-40dB at ± 2 MHz from edge of 7MHz filter
Loop Through Gain	0 \pm 1.5dB
Return loss	>12dB
Ouput Level	85dB μ V
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	± 1.5 dB
Masthead Amplifier Supply	12V 100mA max
Power Consumption	12V 450mA
Temperature Range	0°C \div +50°C
Dimensions/Weight (Packed)	36x198x107.5mm/0.9kg