

Terrestrial Amplifier Broadband/Split Band Amplifier 14MM-JA01



For the Best

Features and Benefits



- » Interstage attenuators and dynamic range of 30 dB
- » High gain (up to 40 dB), high output (122 dB μ V)
- » Slope adjustment on VHF/UHF and UHF inputs
- » 4 inputs and 5/12 VDC switchable UHF remote power
- » Broadband / Split Band Amplifier
- » VHF/UHF input with return path

Amplifiers and Modulators

Premium range of VHF/UHF and combination mast head and house distribution amplifiers and modulators to suit all needs. Matchmaster's range of mast head amplifiers have either 694MHz or 652MHz built in low pass LTE/4G filters to reduce interference from 4G mobile transmissions.



14MM-JA01 Specifications

Frequency Range	FM B3, DAB UHF VHF-UHF	88-108MHz 174-240MHz 470-790MHz 5-1000MHz (RP: 5-65)
Gain	FM B3, DAB UHF VHF-UHF	0-32dB 0-32dB 5-40dB 5-40dB
Return Pass Loss		2dB
Slope Adjustment	VHF-UHF	-18dB to -8dB
Maximum Input Power		110dB μ V
Maximum Output Power		>122dB μ V
Noise Figure	FM B3, DAB UHF VHF-UHF	8dB 7dB 5dB 6.5dB
Return Loss		>10dB
UHF Remote Power	B3, DAB UHF	5 VDC (200mA)/12 VDC (100mA) 5 VDC (200mA)/12 VDC (100mA)
Supply Voltage		200-264VAC
Power Consumption		5.5W