

Power Passing Masthead Amplifier VHF/UHF 34dB with 4G/5G Filter and Power Supply 10MM-MD34P



The MD34P is a 4G/5G filtered wideband VHF/UHF amplifier with a power supply and is suitable for use in all capital cities and regions with broadcasts up to 694MHz. Featuring Power passing via VHF or UHF to line additional power amplifiers upstream and features filtering from 694MHz to deliver greater than 50dB filtering at 750MHz for 4G and 5G LTE signals.

Features and Benefits

- » Built-in 4G/5G LTE 694MHz low pass filter with >40dB rejection @ 750MHz for UHF and >50dB rejection for VHF at maximum gain
- » Power through switch to drive extra amplifiers for VHF and UHF with gain adjustment switch selectable between 15, 25 and 34dB for UHF and 10, 20 and 28dB for VHF.
- » Heavy-duty UV stable outdoor weatherproof casing
- » It can be used with VHF or UHF antenna's or a combination of both
- » VHF input return loss is >12dB with a noise figure of <4.8dB and UHF input return loss is >11dB with a noise figure of <2.9dB
- » Includes 14V DC power supply and UV stable cable tie for mounting



Amplifier			
Input 1	VHF		
Input 2	UHF or VHF+UHF		
VHF frequency range	174-230MHz		
VHF gain switchable	10/20/28dB		
UHF frequency range	520-694MHz		
UHF gain	15/25/34dB		
Input model switchable		Mode 1	Mode 2
	VHF In	No signal	VHF
	UHF/V+U In	VHF+UHF	UHF
Output	Output to System (14VDC Input)		
Return loss	>12dB typical		
Output	>102dBuV		
Noise figure	<=5dB		
Impedance	75 Ohm		
Power consumption	100mA		
All "F" female connectors			
Alloy diecast housing dimension	93 x 66 x 1.5mm		
Waterproof ABS plastic housing dimension	123 x 108 x 50mm		
Power Supply			
Power adaptor	190-240V AC/50-60Hz		
Output	DC 14V/300mA		
Antenna Port	'F' Male		
TV Port	'F' Female		
Nickel plated alloy housing			
DC cable length	1.8m		

