

Multiband Masthead Amplifier VHF/UHF 34dB with 4G/5G Filter and Power Supply 10MM-MB34P



For the Best

The MB34P is a multiband individually filtered VHF/UHF amplifier suitable for any region broadcasting VHF Channel block A or UHF Channel blocks B or C or a combination of block A and either block B or C. Featuring >50dB of 4G/5G LTE filtering to prevent interference from mobile transmission.

Features and Benefits

- » Independent Block A, B & C inputs can be used with VHF or UHF antenna's or a combination of both and includes a VHF on/off switch.
- » 4G and 5G LTE filter built-in from 610MHz for greater filtering at 700MHz. Filter attenuation @ 700MHz: >50dB at maximum gain for UHF of 34dB
- » Gain adjustment switch selectable between 15, 25 and 34dB
- » Heavy-duty UV stable outdoor weatherproof casing
- » Includes 14V DC power supply and cable ties for mounting
- » VHF input return loss is >13dB and the UHF return loss is >11dB with a noise figure of <2.9dB for UHF

Specifications

Amplifier	
1 VHF in Block A	170-240 MHz (CH 6-13)
1 UHF in Block B	526-568 MHz (CH 28-33)
1 UHF in Block C	568-610 MHz (CH 34-39)
VHF/UHF gain switchable	15/25/34 dB
VHF In with ON-OFF switch	
Output 1	Power DC 14V
Return loss	>12dB typical
Output level	>102dBuV
Noise figure	<=5 dB
Impedance	75 Ohm
Power consumption	90 mA
All "F" female connectors	
Alloy diecast housing dimension	93 x 66 x 21.5mm
Waterproof ABS plastic housing dimensions	123 x 108 x 50mm
Power supply	
Power adaptor	190-240V AC/50-60 Hz
Output	DC 14V/300 mA
Antenna port	"F" male
TV port	"F" female
Nickel plated alloy housing	
DC cable length	1.8m

