

Multiband Masthead Amplifier FM/BI/VHF/UHF 30dB with 4G/5G Filter and Power Supply 10MM-UA30PDF



For the Best

The UA30PDF is a 30dB multiband individually filtered FM/VHF/UHF amplifier suitable for all regions. Featuring >50dB of 4G/5G LTE filtering to prevent interference from mobile transmission.

Features and Benefits

- » 4G and 5G LTE filter built in from 694MHz. Filter Attenuation @ 750MHz: >50dB at maximum gain for UHF of 30dB
- » Maximum gain adjustment switch selectable between 20 and 30dB with individual 12dB attenuation pots per band for a total of 22dB adjustment range.
- » Heavy duty UV stable outdoor weather proof casing
- » Can be used with FM, VHF or UHF antenna's or a combination of all.
- » 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



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10MM-UA30PDF Specifications

Amplifier				
Multi-input models selection		Mode 1	Mode 2	Mode 3
	Input A: FM	FM	No signal	FM
	Input B: FM, FI, VHF	BI, VHF	FM, BI, VHF	BI
	Input C: VHF, UHF	UHF	UFH	VHF, UHF
Led indication for different bands input				
FM frequency range	88-108 MHz			
Gain frequency range	30dB			
Adjustable frequency range	0-12dB			
Passive	BI 44-68 MHz			
VHF	174-230 MHz			
VHF gain	30dB			
VHF adjustable	0-12dB			
UHF	470-694 MHz			
UHF gain	30dB			
UHF adjustable	0-12dB			
Output	Output to System (14VDC Input)			
Return loss	>12dB typical			
Output level	>102dBuV			
Noise figure	<=5 dB			
Impedance	75 Ohm			
Power consumption	120 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			