

Masthead amplifier kits with variable gain for UHF TV supplied with 12V PSU

124939 MA25 AK Kit 10-25dB variable gain UHF masthead amplifier kit, single input/output

124956 MA25-4 AK Kit 10-25dB variable gain UHF masthead amplifier kit, single input/four outputs

12V 100mA power supply included

The OPTIMA™ range of masthead amplifiers are high quality yet cost effective fully screened models to digital TV in low signal or long cable run situations. The models have been robustly designed for contract installation in a high quality mast or bulkhead weatherproof ABS housing with positive slide down cover.

- **5G-700 LTE ready tuned for channels 21-48 to minimise 5G interference**
- **F connectors and high quality screened SMD electronics**
- **Removable electronics module for easy connection**
- **Mast or bulkhead mount outdoor housing with positive slide-down cover**
- **Supplied as kit with 12V 100mA S/C protected PSU included**

5G700[™]
PROTECTED



Model	MA25 AK Kit	MA25-4 AK Kit
Item No:	124939	124956
No of inputs	1	1
No of outputs	1	4
Frequency range	470-694MHz	
Channel Group	AK 21-48	
Gain	10-25dB	10-25dB
Level control adjustment	15dB	15dB
Maximum output (IMD ³⁻³⁵)	112dBμV [106dBμV]	108dBμV [102dBμV]
Maximum input (attenuator set to max where fitted)	87dBμV	83dBμV
Noise Figure	<4dB	<4dB
Rejection	>44dB @ 754MHz Ch 56	
Connectors	F Female	
Housing / Electronic module	U/V stable ABS moulding to IP53 mast mount 50mm or wall/bulkhead / Fully screened electronics module	
Power Requirement	12V 55mA	12V 55mA
Power Supply included	230V AC 50Hz 3W fitted with UK fused 3A plug 12V 100mA with S/C and overload protection	
Weight amplifier	0.160kg	0.190kg
Weight PSU	0.4kg	
Dimensions outdoor housing mm	114 x 90 x 35	