

Labgear Masthead Amplifiers with 4G/5G filtering

Applications

Masthead amplifiers are designed to boost and distribute the signal from an outdoor aerial and are fitted as close to the aerial as possible to minimise signal loss and interference. Aerials that are fitted indoors may have compromised performance with both lower signal levels and a higher pick-up of noise.

LMA125VK - Amp with variable gain

By incorporating variable gain these amps can be used in a range of situations, setting the gain at the optimum level to raise a weak signal or boost the signal to overcome loss due to long cable runs.

LMA415K - 2-in, 4-out VHF/UHF distribution amp

Every popular option built into one product to ensure you have the right tools for a wider range of applications. TV and Radio signals can be distributed to 4 points. Weak TV signals can be boosted.

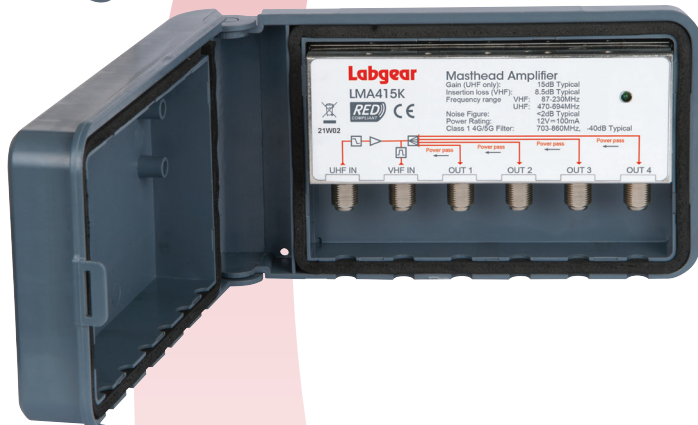
Shared Features

Class 1 filtering removes 703-860MHz signals to provide a typical 40dB protection from interference from 4G and 5G mobile phone signal transmissions

All LMA amplifiers are compliant with the Radio Equipment Directive 2014/53/EU and meet harmonised standard EN 303 354 for product Type D, Class 1.

Labgear masthead amps are packed with features to make installation easier, simplify fault diagnosis and deliver a durable, quality solution, including:

- A sturdy metal mast clamp instead of a plastic cable tie
- The metal mast clamp folds flat for surface mounting
- LED power indication which assists fault diagnosis
- Tilt-out module for easier cable connection
- F-type connectors for better matching and security
- Solid housing with weatherproof seal
- Every masthead is supplied with a FREE metal f-type spanner
- Low noise figure for optimised signal quality



Specifications	LMA125VR*	LMA415VR
No of Inputs / Outputs	1 / 1	2 / 4
Frequency Range	470-694MHz	87-230/470-694MHz
Gain per port	10-25dB	15dB
Noise Figure	Typ. <4dB	Typ. <4dB
Max Output level (IMA3-60dB)	104dBµv	101dBµv
Isolation between outlets	N/A	18dB
RED, EMC and LVD	Compliant	
Power Requirement	12V=50mA	12V=100mA