

# Labgear KIT415K Masthead Amplifier 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.

## KIT415K – 2-in, 4-out VHF/UHF distribution amp supplied with ultra compact PSUFC in-line power supply

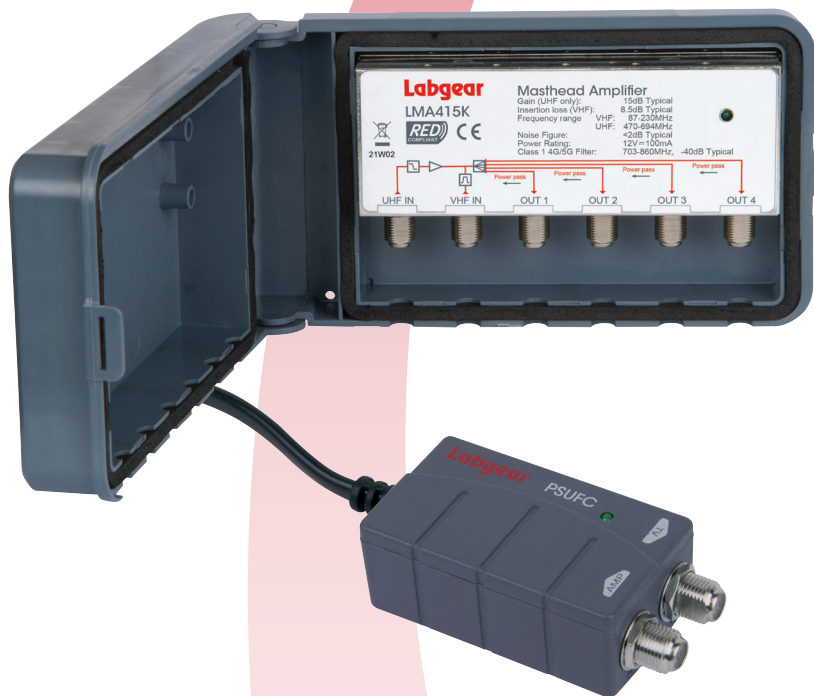
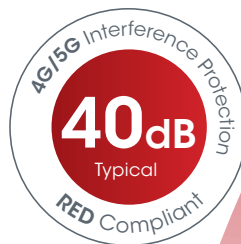
Every popular option built into one product to ensure you have the right tools for a wider range of applications. TV and Radio signals can be distributed to 4 points. Weak TV signals can be boosted.

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
- 12V 300mA Universal power supply can be connected to any of the outputs to power the amplifier



Specifications	LMA415K
No of Inputs / Outputs	2 / 4
Frequency Range	87-230/470-694MHz
Gain per port	15dB
Noise Figure	Typ. <4dB
Max Output level (IMA3-60dB)	101dBμv
Isolation between outlets	18dB
RED, EMC and LVD	Compliant
Power Requirement	12V $\approx$ 100mA