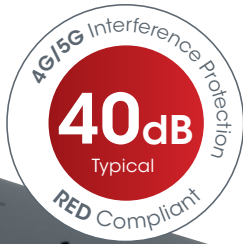


# Labgear TV Aerial Amps with 4G/5G filtering



## Introduction

All LDA amps can carry analogue and digital TV and radio, DAB, Freeview, DVB-T and DVB-T2 HD TV signals and have:

- Energy efficient cool running Switch-Mode Power Supplies
- Balanced gain across the performance range
- Low noise figures for optimised signal quality
- Excellent signal handling capacity to cope with many channels
- Class 1 filtering to provide a typical 40dB protection from interference from 4G and 5G mobile phone signal transmissions
- F-type coaxial connectors for secure connections

The fully screened general purpose 1 and 2 output boosters amplify TV and radio signals in the VHF and UHF frequency bands including Freeview, DVB-T2 HD and DAB.

They have a wideband input 87-694MHz and if you wish to carry both TV and radio signals you can use a diplexer to combine the input from a UHF aerial and an FM or DAB Aerial

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

	LDA101K	LDA102K
No of Inputs/Outputs	1/1	1/2
Frequency Range	VHF and UHF: 87-694MHz	
Gain per port	20dB	15dB
Gain flatness	+/-1dB	+/-1dB
Noise Figure	Typical <2.0dB	Typical <2.0dB
4G/5G protection Class 1	Typical. -40dB	Typical -40dB
Isolation between outlets	N/A	20dB
Max. output level (IMA3 -60dB)	104dBµV	98dBµV
Return loss Input/Output	>8dB/>8dB	>8dB/>8dB
RED, EMC and LVD	Compliant	
Power requirement	220-240V~5/600hz <3W	
Dimensions	125 x 67.5 x 27mm	125 x 67.5 x 27mm