

Labgear Distribution Amplifiers with 5G filtering



A complete new range of boosters and distribution amplifiers with Class 1 filters to prevent interference from 4G and 5G transmitters

- Sleek compact modern design
- Class 1 filter removes 703-860MHz, -40dB typical
- 4, 6 & 8 Way models feature separate VHF and UHF inputs
- 6 & 8 Way models feature 17dB full output and line powering for masthead amplifiers
- F Connector outputs ensure secure connections

LDA101K - 1 x 20dB output mains powered signal booster
 LDA102K - 2 x 15dB output mains powered signal booster
 LDA204K - 2 input, 4 x 10dB output distribution amplifier
 LDA2061K - 2 input, 6 x 10dB output distribution amplifier
 LDA2081K - 2 input, 8 x 10dB output distribution amplifier



Standard: EN 303 354
Product Type: D Signal Distribution Amplifier
Filter Class: 1 Mitigates 4G/5G interference

Suitable for digital TV signal distribution
 Ch21-48 in the UK and EIRE.

	LDA101K	LDA102K	LDA204K	LDA2061K	LDA2081K
Number of inputs/outputs	1/1	1/2	2/4	2/6 + Full	2/8 + Full
Frequency Ranges	VHF & UHF: 87-694MHz		VHF 87-230MHz, UHF 470-694MHz		
Gain per port	20dB	15dB	10dB	10dB/17dB Full	10dB/17dB Full
Gain flatness	+/-1dB	+/-1dB	+/- 1dB	+/- 1dB	+/- 1dB
Noise Figure	Typical <2.0dB	Typical <2.0dB	Typical <4.0dB	Typical <4.0dB	Typical <4.0dB
4G protection Class 3	Typical -40dB	Typical -40dB	Typical -40dB	Typical -40dB	Typical -40dB
Isolation between outlets	N/A	20dB	20dB	20dB	20dB
Max. output level (IMA3 -60dB)	104dB μ V	98dB μ V	95dB μ V	84dB μ V	84dB μ V
Return Loss Input/Output	>8dB/>8dB	>8dB/>8dB	>8dB/>8dB	>8dB/>8dB	>8dB/>8dB
Auto Line Power on UHF	N/A	N/A	N/A	12V \approx 50mA	
RED, EMC and LVD	Compliant				
Built-in Power Supply	220-240V \sim 50Hz at <3W				
Dimensions	125 x 67.5 x 27mm	125 x 67.5 x 27mm	165x30.5x69mm	265 x 30.5 x 69mm	