

## Kingray Introduces the MDA15 Low Noise Masthead Distribution Amplifier Range

Kingray are proud to announce the release of the MDA15 range of low noise masthead amplifiers. The characteristics of the IC selected provide a very low noise figure and an output figure comparable to many distribution amplifiers, hence the name Masthead Distribution Amplifier (MDA). The MDA15 range consists of three models; MDA15V(VHF only), MDA15U (UHF only), and MDA15W (Wideband).

The range is designed to be powered by a DC power supply, AC power supplies are not suitable. Whether the amplifier is used as a Masthead or Distribution Amplifier, the low noise figure, capacity for multiple channels with low distortion and a high output provides a solution for all installations and is proven especially effective in problem reception areas.

Product Code	MDA15V	MDA15U	MDA15W
Description	15dB Amplifier 174 -230 MHz	15 dB Amplifier 470-694 MHz	15 dB Amplifier 174-694 MHz
Trade Price	POA	POA	POA
Release date	21/08/2015	21/08/2015	21/08/2015
Barcode	93 19493 24722 1	93 19493 24721 4	93 19493 24723 8

### SPECIFICATIONS

\*Recommended Power Supply PSK06/F, KPS06/F.

MODEL	MDA 15V	MDA 15U	MDA 15W
Frequency	174-230 MHz	470-694 MHz	174-694 MHz
Gain	15 dB	15dB	15 dB
Gain Control	10 dB	6 dB	VHF 10 dB UHF 6 dB
Noise Figure	<2.5 dB	<2.5 dB	<2.5 dB
Output Figure	113 dB @ -60 dBIMR Din 45004 B	113 dB @ -60 dBIMR Din 45004 B	113 dB @ -60 dBIMR Din 45004 B
Return Loss	>10 dB	>10 dB	>10 dB
Supply Voltage	12-24 V DC ONLY*	12-24 V DC ONLY*	12-24 V DC ONLY*
Filters	174 MHz HP, 230 MHz LP	470 MHz HP, 694 MHz LP	174 MHz HP, 694 MHz LP
Inputs	1	1	1

