



COMBINATION VHF/UHF MASTHEAD AMPLIFIERS

**MHW25F / MHW25FE / MHW25FS / MHW35F /
MHW35FS / MHW35FDP / MHW43FS**

Kingray's VHF/UHF (combination) masthead amplifiers are designed for today's digital television environment. Bands 1 & 2 are filtered out, as are frequencies above 694MHz to reduce 4G/LTE & 5G interference. Most models are available as a non-shielded or shielded product. Proudly designed & made in Australia.

FEATURES

Frequency Range 174-230 MHz & 520-694 MHz

FM Radio 88-108 MHz Pass Through Selectable

Up to 43dB UHF Gain (model specific)

Up to 35dB VHF Gain (model specific)

Gain Adjustment for VHF & UHF

Tilt Control for VHF (except for MHW25FE)

Separate VHF & UHF Inputs or Combined Input

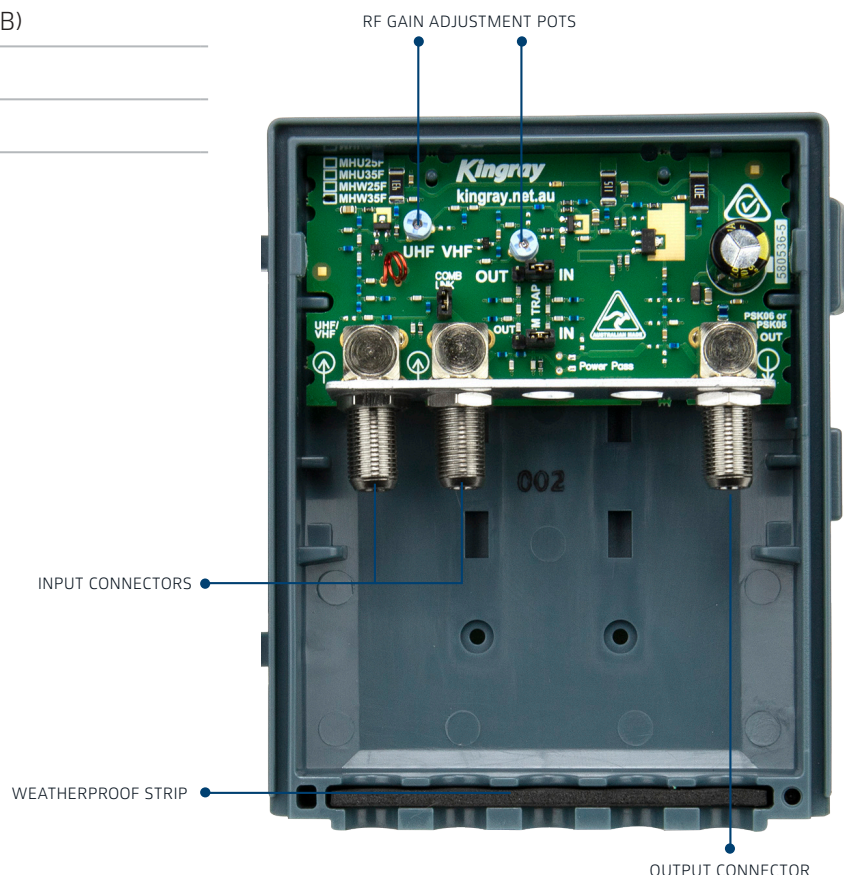
4G/LTE & 5G Filtering

Weatherproof Housing

High Output Figure of 108dB IMR3 (DIN45004B)

Connectors: F-Type

Power Consumption: 60 ~ 80mA



PRODUCT SPECIFICATIONS

MHW25F/ MHW25FS

	FREQUENCY (MHz)	MAX. GAIN (dB)	INPUTS	NOISE FIGURE	GAIN ADJUSTMENT	POWER SUPPLY	CURRENT (mA)	FM TRAP OPTION	OUTPUT FIGURE DIN45004B
VHF	174~230 88~230*	12~15	1, 2 or comb.	<3.5dB	TILT -7 to -4dB	06 or 08 Series	60	-25dB	108dB μ V
UHF	520~694	25		<2.6dB	Up to -10dB			N/A	

F-Type masthead designed to amplify separate VHF and UHF antennas or a combined VHF/UHF antenna. Optional shielded (FS) or non-shielded (F) models available. Packed without power supply.

* FM Pass option

MHW25FE

	FREQUENCY (MHz)	MAX. GAIN (dB)	INPUTS	NOISE FIGURE	GAIN ADJUSTMENT	POWER SUPPLY	CURRENT (mA)	FM TRAP OPTION	OUTPUT FIGURE DIN45004B
VHF/ UHF	174~694 88~694*	22~25	1	<3.5dB	Up to -10dB	06 or 08	80	-25dB	108dB μ V

Single input F-Type masthead designed to amplify either a separate VHF or UHF antenna or a combined VHF/UHF antenna. Available in non-shielded model only. Packed without power supply.

* FM Pass option

MHW35F/ MHW35FS & MHW35FDP

	FREQUENCY (MHz)	MAX. GAIN (dB)	INPUTS	NOISE FIGURE	GAIN ADJUSTMENT	POWER SUPPLY	CURRENT (mA)	FM TRAP OPTION	OUTPUT FIGURE DIN45004B
VHF	174~230 88~230*	22~26	1, 2 or comb.	<3.5dB	TILT -16 to -12dB	06 or 08	80	-25dB	108dB μ V
UHF	520~694	35		<3.0dB	Up to -15dB			N/A	

F-Type masthead designed to amplify separate VHF and UHF antennas or a combined VHF/UHF antenna. Optional shielded (FS) or non-shielded (F) models available. Packed without power supply.

MHW35FDP is non-shielded and includes a PSK06F power supply.

* FM Pass option

MHW43FS

	FREQUENCY (MHz)	MAX. GAIN (dB)	INPUTS	NOISE FIGURE	GAIN ADJUSTMENT	POWER SUPPLY	CURRENT (mA)	FM TRAP OPTION	OUTPUT FIGURE DIN45004B
VHF	174~230 88~230*	27~35	1, 2 or comb.	<3.5dB	TILT -16 to -12dB	06 or 08	80	-25dB	108dB μ V
UHF	520~694	43		<3.0dB	Up to -10dB			N/A	

F-Type masthead designed to amplify separate VHF and UHF antennas or a combined VHF/UHF antenna. Available in shielded model only. Packed without power supply.

* FM Pass option

