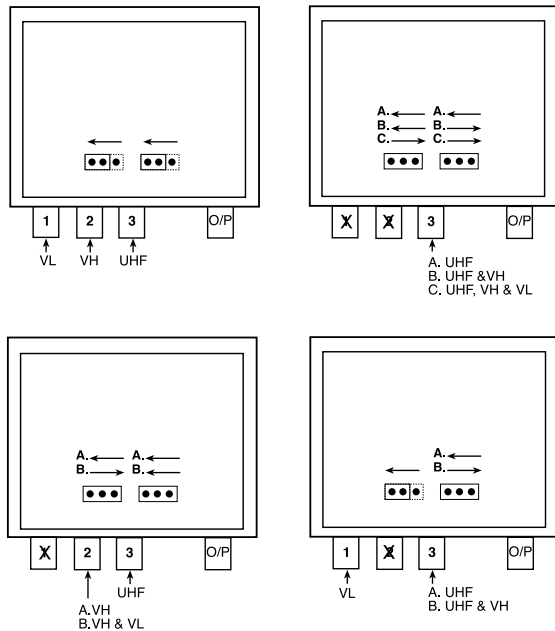


INSTALLATION CONTINUED – INPUT OPTIONS

By using the 2 links on the PCB a number of input options are available to suit most requirements.

Please see diagrams below for options.



Drawing No: 41492-4

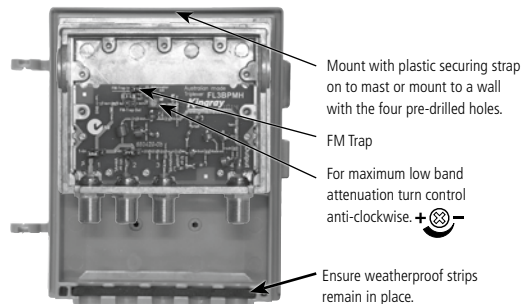
Part No: 310188

Kingray

Optimised for both Digital and Analogue TV Signals.

INSTALLATION MANUAL

FL3BPMH - A FULLY SHIELDED BANDPASS FILTER AND TRIPLEXER Ideal for broadband digital/analogue applications



WARRANTY

Standard Communications PTY. LTD. warrants this Kingray product to be free from defects in material and workmanship for a period of 3 years from the

date of installation and reserves the right to void warranty if unit was misused, improperly installed or damaged by claimant.



ISO 9001:2008
AU9770606
List of certified
clients/clients available
at www.sgsc.com



A division of **Standard Communications PTY. LTD.**

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SPECIFICATIONS

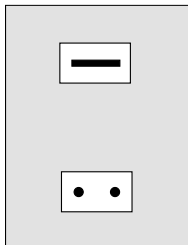
The FL3BPMH is a passive bandpass filter/combiner with 1,2 and/or 3 inputs. It is designed to pass standard TV bands with an insertion loss of < 2 dB, whilst rejecting unwanted out of band signals, including AM, 26/27 MHz CB radio,

FM radio (switchable), paging, police radio, 477 MHz CB radio and mobile phones CDMA and GSM. There is also a -12 dB low band attenuator included.

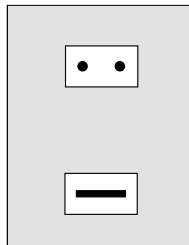
The FL3BPMH may also be used backwards as a low insertion loss band separator.

Frequency Range	VLF 44 - 108 MHz	FM Filter	-30 dB @ 88 - 108 MHz
	VHF 174 - 230 MHz	Pager Filter	-30 dB @ 148 MHz
	UHF 520 - 820 MHz		-20 dB @ 158 MHz (NZ)
Insertion Loss	< 2 dB	477 MHz CB	-40 dB
AM + 26/27 MHz	-40 dB	Mobile Phones	-20 dB @ 860 MHz
Low Band Attenuator	-12 dB max		-30 dB @ 940 MHz

FM TRAP OPTIONS



FM trap on

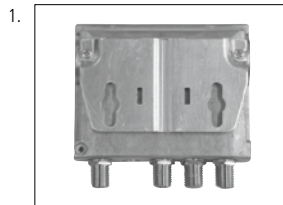


FM trap off

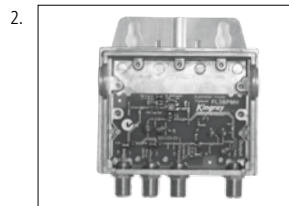
INSTALLATION

The FL3BPMH is designed to fit in the MHB001 for outdoor use prior to a masthead amplifier or it can be screwed to a wall in the plastic housing via the 4

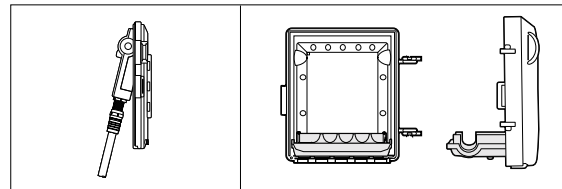
pre-drilled holes. The unit can also be removed from the plastic housing and mounted using the KB001 bracket.



KB001 used for optional mounting of FL3BPMH.



Reversed KB001 for optional mounting of FL3BPMH.



The diecast housing can pivot to easily access connectors.

The lid may be inserted into the plastic outer cover whilst installing.