

# Hills

## LARA UHF Digital Masthead Amplifiers



Hills masthead amplifiers have been engineered to ensure high gain amplification, with low noise and distortion response – ensuring clear reception in almost all situations, without pixilation or drop outs.

The LARA range is a UHF only amplifier that has been perfected for regional locations. It offers switchable gain stages and adjustable gain, ensuring clear reception in low to medium signal level areas without overloading. It is available in a 4G and a non-4G version.

### Models Available

FC658233B	LARA UHF Masthead Amplifier
FC658233C	LARA UHF Masthead Amplifier with 4G Filter

## Features

- UHF only amplifier
- Available in 4G & non-4G versions
- Switchable gain stages & adjustable gain
- Fully shielded, weatherproof enclosure to eliminate interference
- F-Type connectors
- Power LED indicator
- Pager & cellular notch filters included
- Earth point attachment
- PSU6F power supply included

## Specifications

Product	FC658233B	FC658233C
<b>LARA UHF Digital Masthead Amplifier</b>		
<b>Channel Range</b>	28-69	28-51
<b>UHF Freq. Range</b>	520-820MHz	520-694MHz
<b>Gain</b>	Local: 0 – 10dB; Remote: 24 – 34dB	
<b>4G Filter Included</b>	✘	✔
<b>Max O/P Level</b>	104 dB $\mu$ V	
<b>Noise Figure</b>	< 2dB	
<b>RF Connectors</b>	F-Type	
<b>Shielding</b>	Fully shielded diecast housing	
<b>Sealing</b>	IP55	
<b>Standards &amp; Compliance</b>	C-Tick approved: AS/NZS CISPR 13:2004	
<b>Power Supply</b>	14 VDC 150mA (PSU6F)	
<b>Notch Filters</b>		
<b>Pager</b>	148 – 155MHz	
<b>Cellular</b>	> 900MHz	
<b>Dimensions</b>		
<b>Diecast Only</b>	95 x 65 x 20 (mm)	
<b>Housing</b>	130 x 120 x 32 (mm)	