

## TPA-20U Broadband UHF Preamplifier

# Toner

The TPA-20U is a professional broadband UHF preamplifier with a very low noise figure to maintain a quality signal from your antenna. The preamp comes with a 54 MHz to 608 MHz LTE filter that can be used to filter the LTE cellular interference above 630 MHz. This preamplifier is built in a die cast aluminum housing to ensure signal integrity as well as protection from the elements. The preamplifier includes a 12 volt power supply as well as a 1-5/8 inch mast clamp for easy installation.

This preamplifier is ideally suited for installation where there is a long cable run (such as down a tower) between the antenna and the processor or tuner.

### Specifications

Frequency	470-700 MHz
Noise Figure	2.5 dB
Gain	20 dB $\pm$ 2 dB
Flatness	$\pm$ 2.0 dB
Input Range	-20 to +25 dBmV
Impedance	75 Ohm

### Power

Voltage	5 to 18 VDC
Watts	<10

### Mechanical

Mast Diameter	1.25" - 1.50" (31 - 38 mm)
Dimensions	3.54 x 2.75 x 1.8 inches (90 x 70 x 46 mm)
Weight	1.3 lbs ( 0.57 kgs)

