



# CA730 SATELLITE HEADEND AMPLIFIER



<b>TV system</b>	FM-TV / DVB-S
<b>Number of inputs</b>	1
<b>Number of outputs</b>	1
<b>Frequency range</b>	SAT Band 950 – 2,150 MHz
<b>Gain</b>	42 ± 2.0 dB±TOL
<b>Flatness response</b>	±3.0, ±1.5 dB (36 MHz)
<b>Gain adjustment</b>	15 dB
<b>Fixed equalisation</b>	10 dB
<b>Adjustable equalisation range</b>	7 dB
<b>Output test point</b>	30 ± 1.5 dB±TOL
<b>Extension input loss</b>	2.5 ± 0.5 dB±TOL
<b>Maximum output level</b>	120 dBµV (IMD3 - 35 dB), 110 dBµV (IMD2 - 35 dB)
<b>Return loss</b>	10 dB
<b>Noise figure</b>	<8 dB
<b>LNB power supply</b>	+13 V / OFF / +17 V, 350 mA max, 0 / 22 KHz Tone
<b>Fuse</b>	250 V~, 1A, 6 A (Type F)
<b>Connectors</b>	F female
<b>Mains voltage</b>	230 V~±15% 50 / 60 Hz, 10 VA
<b>Operating temperature</b>	-10 °C to +65 °C
<b>Protection index</b>	IP 50D
<b>Packing weight</b>	1.8 Kg
<b>Packing dimensions</b>	220 x 200 x 60 mm

## CA730 SATELLITE AMPLIFIER FEATURES:

- ▶ Amplify Satellite (950 – 2150 MHz) input signal.  
- Total gain 42 dB, Adjustable gain 15dB.
- ▶ Switchable supply 13 / 17V to power LNB, with Switchable tone 0 / 22KHz.
- ▶ Use as a Headend Satellite Amplifier.
- ▶ Separate gain adjustment and slope adjustment for satellite signal.
- ▶ Test point on output to permit checking of level of signal.
- ▶ Extension input for combining VHF / UHF signal to Satellite output.
- ▶ Amplifier housing made from Zamac and galvanised plate for maximum shielding.

Please contact sales@laceys.tv for more information.

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