904 BROADBAND AMPLIFIERS

AMPLIFIER IF UNIVERSAL



Code : **9040003**

Model : **CA-730**

Description
IF satellite broadband amplifier for head-end. It has a voltage switch and 22 KHz tone in order to select the polarity of an individual LNB. The built-in power supply unit has the capacity to feed the LNB. A terrestrial TV input permits the multiplexing of terrestrial and satellite TV bands.

Applications
Designed for medium to large analogue and digital SMATV installations. Used as a head-end amplifier for bouquets which have all their transponders in a single polarity. Adjusted by means of a gain controller and a variable slope control.

Characteristics
Made from zamak and galvanised plate for maximum shielding. Separate housings for the power supply unit and the high frequency circuit. Input and output connectors on the base to facilitate installation.

CODE		9040003
MODEL		CA-730
TV system		FM-TV / DVB-S
Number of inputs		1
Number of outputs		1
Frequency range	Band	SAT
	MHz	950 - 2,150
Gain	dB±TOL	42 ±2.0
Flatness response	dB	±3.0 ±1.5 (36 MHz)
Gain adjustment	dB	15
Fixed equalization	dB	10
Adjustable equalization range	dB	7
Output test point	dB±TOL	30 ±1.5
Extension input loss	dB±TOL	2.5 ±0.5
Maximum output level	dBµV	120 (IMD_3 -35 dB) 110 (IMD_2 -35 dB)
Return loss	dB	≥10
Noise figure	dB	<8
LNB power supply	V⎓	+13/OFF/+17
	mA	350 max
	Tone	0/22 KHz
Fuse	V~	250
	A	5 (Type F)
Connectors		F female
Mains voltage	V~	90-264 50/60 Hz
	W	14
Operating temperature	°C	-10..+65
Protection index		IP 50D
Units per packing		1
Packing weight	Kg	1.8
Packing dimensions	mm	220 x 200 x 60