904 BROADBAND AMPLIFIERS

DIGITAL TV-SAT AMPLIFIER



Code : **9040154**

Model : **CAD-713**

Description

Programmable compact amplifier for terrestrial and satellite TV. Digitally filters, converts and balances DVB-T/T2 channels with high selectivity filters. Broadband amplifier for one satellite polarity. The built-in high-performance amplifier allows for use in medium or small buildings.

Characteristics

Compact headend with 5 inputs, auto-scan function, LTE700 SAW filters, high selectivity filters with ACG for up to 64 channels, converts up to 32 single channels, 24 Digits LCD display, can be remotely powered from its output. Reading of the terrestrial TV input level, no field meter is needed.

CODE		9040154
MODEL		CAD-713
TERRESTRIAL		
Number of inputs		2 x UHF 1 x BIII/DAB 1 x FM/BI
Frequency range	MHz	UHF (470-694) BIII/DAB (170-240) FM/BI (40-108)
Programmable filters		32
Number of channels per filters		1 .. 2
Input level	dBµV	UHF 45 .. 100 BIII/DAB 40 .. 110 FM 35 .. 90
Input preamplifier	dB	UHF 0/+10 (OFF/ON) BIII/DAB 0/+20 (OFF/ON)
Input attenuator	dB	0/-12/-24
AGC range	dB	40
Selectivity	dB	35@1MHz
Gain	dB	UHF 60 BIIII/DAB 50 BI/FM 0/12/24
Max output level	dBµV	2 x 116 (IM3 DIN 45004B -60 dBc) 89-109 adjustable
Output voltage		12/24V, 100mA
SATELLITE		
Number of inputs		1
Frequency range	MHz	950-2200
Input level	dBµV	60 .. 100
Gain	dB	38
Gain adjustment	dB	0 .. -20
Adjustable equalization range	dB	0 .. -7
Max output level	dBµV	119
LNB Power supply		13/18V 0/22kHz 600mA
GENERAL		
Return loss in/out	dB	>12
USB connector		USB 1.0/2.0 Type B
Mains voltage		100 .. 240 VAC, 9W max DC 20V, 0,45A
Operating temperature	ºC	-5 .. 50
Product size	mm	193 X 148 X 36