

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 | dB μ V | 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 BIII/DAB 50 BI/FM 0/12/24 |
| Max output level | dB μ V | 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 | dB μ V | 60 .. 100 |
| Gain | dB | 38 |
| Gain adjustment | dB | 0 .. -20 |
| Adjustable equalization range | dB | 0 .. -7 |
| Max output level | dB μ V | 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 | °C | -5 .. 50 |
| Product size | mm | 193 X 148 X 36 |