

HCA 825s

Home cable TV amplifier



Description

Cable TV amplifier suitable for use at network extension end points. Its frequency range covers all TV bands which allows to be used for antenna amplifier as well. Its ease of installation and compact size make it ideal for home use. For indoor mounting, powered from DC adapter.

Features

- **Compact home cable TV amplifier;**
- **Smooth gain adjustment;**
- **3 way power supply (through Input, Output with Power Inserter or directly from DC adapter);**
- **Easy to install (no adjustment is needed);**
- **LED indication for power on;**
- **Coaxial "F" connectors.**

Technical Specification

Frequency Bandwidth	47 ÷ 1000 MHz
Gain	25 dB
Gain adjustment	0 ÷ -20 dB
Gain Flatness	± 1 dB
Return loss	≥ 15 dB / 75 Ω
RF connectors	“F” type
Supply voltage	12 VDC
Power consumption	2.4 W
Output IP3 ¹⁾	43 dBm
Noise figure	5 dB
Ambient temperature range	-20 ÷ +50°C
Index of protection	IP20
Dimensions (L x W x H)	100 x 76 x 28 mm
Weight	0.170 kg

Note:

1) OIP3 is measured with two tones at an output power of +9 dBm/tone separated by 6 MHz.