

House amplifiers

Medium power amplifiers

CTHA126



- Built-in adjustable gain & slope regulators
- Metal-plastic housing for indoor mounting
- Output test point and screw terminal for equipotential bonding

CTHA126
high gain - 34 dB

Technical specifications

| T Y P E | | CTHA126 |
|---|--------------|--------------------------------------|
| Frequency range | forward path | 47- 862 MHz |
| | return path | - |
| Gain | | 34 dB |
| Flatness* | | ± 0.5 dB |
| Gain adjustment | | 20 dB |
| Slope adjustment, typical | | 18 dB |
| Maximal output level IMD3=60 dB (DIN45004B) | | 117 dB μ V |
| Output level CTB, CSO (EN50083-3) | | 101 dB μ V |
| Input and output return loss** | | > 14 dB |
| Noise figure | | 7 dB |
| Test point attenuation | | - 30 dB |
| Power consumption | | 230 V ~ 50 Hz 5 W |
| Operating temperature range | | -20 ⁰ — 50 ⁰ C |
| Dimensions/Weight (packed) | | 107x148x53 mm/0.6 kg |

* for amplifiers with return path measured 10 MHz after the starting frequency of forward path

** when $f \geq 40$ MHz, return loss ≥ 14 dB (40 MHz) - 1.5 dB/octave, but not less 10 dB