

HEAD-END AMPLIFIER

CAS-Communal Aerial System

Low-noise amplifier modules.

AM, TV/FM Amplification 40-45dBuV
Output level 120dBv

Power output for aerials:

AM Module 4C : 15-24 Vdc.
TV/FM Module 9C: 15-24 Vdc.

Power input for aerials: 230Vac

Dimension for Headend: 38x39x21H cm
Weght: 10kg



With AGC Automatic Gain Control.

Elcon standard plug-in module.

Connections CB terminals: Coaxial female.

Certification: CE ; DEMKO IEC 60065.

The Elcon amplifier modules are designed for use in large Communal Aerial Systems (CAS).
The amplifier is made of steel for high frequency shielding and mechanical Stability.

Elcon power supply module 1, is for use in our head-end amplifier cabinet.

POWER SUPPLY MODULE 1:

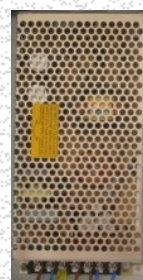
Main voltage: 110-115 Vac.
or 220-230 Vac.

Frequencies: 50 / 60 Hz

Current consumption: 200mA.

Output power: 24 Vdc 3A.

Dimensions w x h x d / weight: 67 x 190 x 92 mm / 1,4 kg.



AM-AMPLIFIER MODULE 4C:

Input frequency range AM: 0,15 - 30 Mhz

Amplification: 40-45 dB

Output level (57 dB CMR): 120 dBuV

Noise figure: 4 dB

Current consumption: 180 mA.



TV/FM-AMPLIFIER MODULE 9C:

Input frequency range VHF / FM: 47 - 230 Mhz
UHF: 470 - 860 MHz

Amplification 40-45dB

Output level (60 dB CMR):120dBuV

Noise figure: 6 dB

Current consumption: 400 mA.



CABINET:

The head-end amplifier cabinets are body cut from cold rolled steel sheet, folded and spot welded.
Hammer epoxy powder paint finish. Light grey. Enclose wall fixing brackets and screws.

Dimension (WxHxD): 390 x 390 x 205 mm.
Weight: 7 kg

