

## Antenna Amp R/TV A100

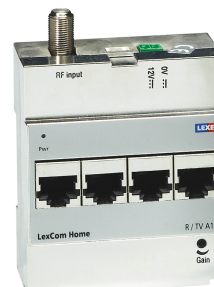
### DESCRIPTION

Shielded DIN antenna amplifier with 4 x RJ45 output ports and one main input (F-conn). The amplifier is functioning as a straightforward splitter module, supporting distribution of Radio/TV signals in the full CATV frequency range to 4 TVs and/or Radios connected.

Power is supplied externally from the 12 V DC system supply.

Gain is adjustable on the front. Tilt is fixed.

LED indication: Green when power is on.



### TECHNICAL INFO

#### Electrical and Technical Data

Power Supply	12 V DC
Power Consumption	3,6 W
Current	300 mA
Bandwidth	47 - 860 MHz
Output Level	4 x 110 dB $\mu$ V (DIN45004B)
CSO	90 dB $\mu$ V
Gain Forward	34 $\pm$ 2 dB @ 860 Mhz
Attenuation	0 - 20 dB (adjustable)
Tilt (Equalizer)	Fixed system tilt
Input level	60 - 80 dB $\mu$ V
Input Tilt	Max. 12 dB
TV Channels	42 (CENELEC)
Noise Figure	< 6,5 dB
Return Loss	-14 dB @ 40 MHz (+1,5 dB / Octave)
Isolation	> 20 dB
Shielding Attenuation	> 60 dB
Temperature, Operation	0 - 40 °C
Temperature, Storage	-15 - 60 °C
Impedance Output	100 Ohm
Impedance Input	75 Ohm
CTB (>60dB)	93 dB $\mu$ V

#### Construction and Material Data

Output Connector	4 x STP RJ45
Material	PC-ABS housing
Shielding	Plated 3 $\mu$ m Sn over 20 $\mu$ m Cu, double sided
Dimension	72 x 37 x 86 mm
Weight	125 grams
RF Input Connector	F-connector (conductor $\varnothing$ max 1,2 mm)

#### Standards & Approvals

EN 50083-3, quality grade 2, cat. C

### PACKAGING INFO

Packaging Type	A Internal	B External	C Transportation
<b>570 330 209 0100</b>			
Quantity		1 pcs	
Size		11,3 x 5,7 x 8,1cm	
Weight		0,15 kg	

### ORDERING NUMBERS

Product Assortment	EAN (BARCODE)	Article No	EL-No
R/TV A100	570 330 209 0100	30 633 0002	69 911 42