

- High quality
- High reliability and stability of parameters
- User friendly
- Very compact housing designed for indoor use
- Low power consumption

HOUSE AMPLIFIER

AMIGO M 800 P30
M 830 P30
M 865 P30

The last amplifier in the CATV distribution network feeding the signal directly to the subscribers.



GENERAL SPECIFICATION

Frequency range (forward)	
M 800 P30	47 ÷ 862 MHz
M 830 P30	47 ÷ 862 MHz
M 865 P30	85 ÷ 862 MHz
Gain for 862 MHz	30 ± 0,7 dB
Noise figure	< 6,5 dB
Operation output level CTB i CSO ¹⁾	102 dBμV
Max. Output level DIN (45004 B)	117 dBμV
Gain adjustment	0 ÷ 18 dB
Slope adjustment	0 ÷ 18 dB
Reverse frequency range	
M 865 P30	5 ÷ 65 MHz
M 830 P30	5 ÷ 30 MHz
Reverse passive path attenuation	≤ 1,5 dB
for M 865 P30 and M 865 P30	
Return loss	≥ 14 dB (f ≤ 40 MHz) ≥ 14 dB - 1,5 dB /oct. (f > 40 MHz) but ≥ 10 dB
Cable connection therefore adapters	F
Power supply	230 V / 50 Hz
Power consumption	< 7,0 W
Number of inputs / outputs	1 / 1
Dimensions	120 x 107 x 52 mm
Operational ambient temperature range	-20 ÷ +50°C

Specification subjects to change without notice

¹⁾ for CTB < -60 dB i CSO < -60 dB,
measured with 42 channels CENELEC
typical value for T=25 C.