

Broadband building amplifier

WMX-822-1G



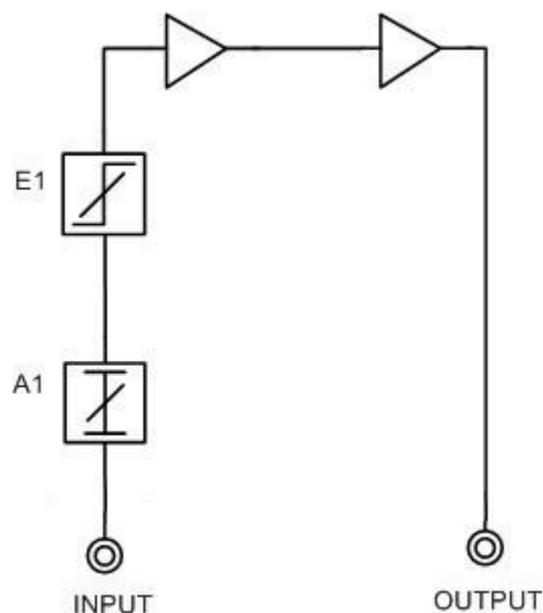
WMX-822 amplifiers were designed, considering the requirements of CATV operators looking for a good quality of transmitted signal at a reasonable cost of investment. In addition, the possibility of local or remote power supply ensures wide range of its applications.

WMX-822 wideband amplifiers series is designed for indoor installation only.

It is highly recommended solution for household installations ensuring noise-free amplification, with no affection on signal quality.

- High max. output level:
104dB μ V (CENELEC 42), 121dB μ V (DIN)
- Gain 34 dB
- Easy configuration - adjustable
- Input/ Output double overvoltage protection
- Extremely low power consumption <5,5W
- Metal die-cast housing
- For CATV networks and home installation

BLOCK DIAGRAM



TECHNICAL PARAMETERS

PARAMETERS		WMX-822-1G	
FORWARD PATH			
Frequency range	MHz	87...1002	
Gain	dB	34 ±1	
Flatness	dB	±0,75	
Max. output level ±CENELEC 42, interstage equalization 6dB, CTB≤-60dBc, CSO≤ -60dBc	dBμV	104	
Input attenuator	dB	adjustable 0...20	
Input equalizer	dB	adjustable 0...20	
Test point	dB	-	
Noise figure	dB	<7	
Return loss at all inputs / outputs: - in the frequency range of 5-40MHz - in the frequency range of 40-1006MHz	dB	18 ≥18@40MHz – 1,5dB/oct.	
OTHERS			
Operating voltage	local	V _{AC} / Hz	187...250 / 50-60 30...60/ 50-60
	remote		
Power consumption	W	< 6	
Connectors	/	F	
Klasa ochrony	/	IP41	
Operating temperature	°C	-20...+55	
Weight	kg	0,7	
Dimensions	mm	155x80x56	
Package	/	box	

Technical parameters may be changed without earlier notice.