

AMPL 35961



RF distribution amplifier (47 to 862 MHz)

Manufacturer: [Fagor](#)

Description

APPLICATION

Designed as a distribution amplifier for medium size buildings.

CHARACTERISTICS

- ? The circuit is housed in a single-part metal case.
- ? High linearity.
- ? DC pass for pre-amplifier powering.
- ? Switchable equalization 12dB.
- ? 10dB input switchable attenuation for high input levels.
- ? Test output for measurements.

		Supply voltage		185 ± 20% Vdc
		Current class		Tot 100mA
		Operating temperature range		-40 to 50 °C
Reference	MODEL	SAB boost 3000V	SAB boost 80V	
Number of inputs		1	1	
Bandwidth	kHz	41 - 802		
Gain	dB	37		
Regulation	dB	30		
Switchable attenuator	dB	10		
Switchable equalization	dB	0.8 + 12		
Noise figure (max. gain)	dB	5.5		
Input level without distortion	dBm	50 + 75		
Output level (EN 60248 ± 40 dB)	dBm	> 120		
Maximum output	dB	> 12		
THD output	dB	< 30		
DC gain 10V	dB	12 V 100mA switchable		
Shielding	dB	class A		
Packing dimensions	mm	200 x 150 x 47		

EXAMPLE
MicroMATY 210 - SAB boost

