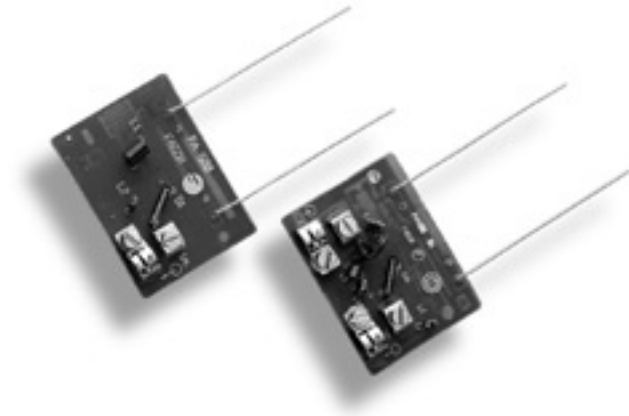


Antenna Preamplifier

PA Series



DESCRIPTION

Broad band UHF amplifier designed for TV reception in low signal areas.

Installed in the antenna box, it avoids losses caused by connection, improving the S/N ratio as it operates at high input impedance (300 Ohms).

- Low noise figure
- Electric discharge protection
- High output level
- Designed with SMD technology

Supply voltage	+24V ± 10 %
Current drawn	15 mA
Operating temperature range	- 20 ÷ 60°C

TECHNICAL SPECIFICATIONS

MODEL		PA 400	PA 500
Reference		36400	36401
Band coverage		UHF (BIV,V)	
Min. input level for S/N = 30 dB	dBµV	35	
Input impedance	Ω	300	
Max. output level DIN 45004B (- 60 dB)	dBµV	92	
Output impedance	Ω	75	
Gain	dB	18	9
Noise figure	dB	3	
VHF combining (one input)		Yes	—
Recommended application with amplifiers	AMB	—	Yes
	SCA	Yes	Yes
Packing dimensions (10 u.)	mm	165 x 90 x 60	
Weight (10 u.)	Kg	0,250	