

903 MAST AMPLIFIERS

POWER SUPPLY 24 VDC 100 MA



Code : **9030086**

Model : **AL-100**

Description

Power supply units for mast amplifiers, 24 voltages. The power supply unit converts the mains supply into DC voltage and injects it into the coaxial cable to feed the amplifier. The signal coming from the antenna is distributed to its outputs. The power supply unit is available with two, four or five outputs. The power supply units are protected against overloads and short circuits. Available on request in 125 or 240 .

Applications

Individual digital and analogue terrestrial TV installations where mast amplifiers or antenna box preamplifiers are used. The feed voltage should be selected according to the amplifier installed.

Characteristics

Shielded zamak chassis, covered by an ABS plastic box for outdoor use. Power supply unit insulated from the high frequency circuit, complying with safety standards for both the installer and the user. Fixed to the wall by means of supplied wallplugs and screws. F type connectors. Supplied in individual or multiple packs.

Accessories

9120039 CM-004 Male F connector for Ø6.6 mm coaxial cable 9080023
 MC-302 Male F connector for Ø7.0mm coaxial cable. 9120011 RS-275
 Type F load of 75 Ω. 9040078 DI-007 DIN rail adaptor

CODE		9030086		9030103		9030134	
MODEL		AL-100		AL-110		AL-130	
Connection		F female					
Inputs / outputs		1/2		1/4		1/5	
Frequency range		MHz		40-862		5-2,400	
Insertion loss		dB		4.8±0.5		7.5-7.5 ±1.0	
		±TOL		4.8±0.5		7.5-8.5 ±1.0	
		5/40-47 MHz		-		8.5-11 ±1.0	
		47-862 MHz		-		11-12.5 ±1.0	
Output voltage		950-2150 MHz		-		8.0-8.5 ±1.0	
		2150-2400 MHz		-		8.5-9.5 ±1.0	
Output voltage		V _{DC}		+24			
		mA		0-100			
Peak to peak ripple voltage		mV		-		<150	
Mains voltage		V _~		230±10% 50/60 Hz			
		VA		8,5			
Operating temperature		°C		+5..+55			
Protection index				IP 30			
Units per packaging		1		24		1	
Packing weight		Kg		0.27		7.10	
Packing dimensions		mm		150 x 115 x 50		360 x 315 x 225	
				125 x 102x 45		312 x 210 x 275	