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Kit: Low-gain mast amplifier and "F" Power Supply Unit

Ref. 536021 + Ref. 550104

The kit consists of:

Ref. 536021: Low-gain mast amplifier, 3 inputs: HighVHF-UHF-UHF Masthead amplifier for the amplification of terrestrial television signals coming from several antennas. Equipped with 3 inputs, with amplification on all bands. The amplifier is powered through the output coaxial cable at 12 Vdc.

Ref. 550104: "F" Power Supply Unit, 12V - 220mA, 2 outputs 12 V-power supply (220 mA) that powers equipment through the input coaxial cable while allowing the transmission of the TV signal. Included in the installation to power either mast amplifiers or a BOSS system. Furthermore, it is equipped with two outputs. The power supply is UL certified (US plug).

Ref.536081

Art.Nr

EAN13

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Highlights

- Independent amplification for each individual band
- EasyF connection system
- Fully automated manufacturing, subject to the most stringent quality controls
- High-screening Zamak chassis

Main features

- ON/OFF switch to allow DC pass towards one of the UHF inputs for the powering of a BOSS system
- Easy mounting. Equipped with a plastic tie for mast mounting

- Resistant ABS-plastic orange case for outdoor installation

Technical specifications

Reference		536021			
Bands		UHF 1	UHF 2	HighVHF	
Frequency margin	MHz	470-790	470-790	174-254	
Gain	dB	26		26	
Gain adjustment range	dB	0 ... 18	0 ... 18	0 ... 18	
Max.output level	dBmV	EN 50083 (-35dB)	61		58
		DIN 45004B	54		51
		EN 50083 (-60dB)	51		48
Noise figure	dB	10		10	
Power supply	Vdc/mA	12 / 110			
Max current through inputs	OFF	-			
	ON	45	-	-	
Protection Level	IP	23			
Temperature operat. limits	°F	+23 ... +113			

Reference		550104	
Frequency margin	Mhz	5 - 862	
Through loss (typ.)	dB	1 Out	Main: 1.5 / Aux: ----
		2 Out	Main 4 / Aux: 4
Output Interstage equalizer	V	12 ±1.5	
Max. output current	mA	220	
Min. output current	mA	30	
Mains Interstage equalizer	V~ / Hz	108 - 132 / 50-60	
Max. consumpt	mA~ / W	65 / 3.6	
Protection level	IP	20	
Working temperature	°F	+14 ... +113	