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

Ref. 536020 + Ref. 550104

The kit consists of:

Ref. 536020: Low-gain mast amplifier, 2 inputs: HighVHF/UHF-UHF Masthead amplifier for the amplification of terrestrial television signals coming from several antennas. Equipped with 2 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.536080

Art.Nr

EAN13

8424450185629

## 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 switches to allow DC pass towards 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		536020		
<b>Bands</b>		UHF 1	UHF 2 / HighVHF	
<b>Frequency margin</b>	MHz	470-698	470-698	174-254
<b>Gain</b>	dB	26		26
<b>Gain adjustment range</b>	dB	0 ... 18	0 ... 18	0 ... 18
<b>Max.output level</b>	dBmV	EN 50083 (-35dB)	61	58
		DIN 45004B	54	51
		EN 50083 (-60dB)	51	48
<b>Noise figure</b>	dB	10		10
<b>Power supply</b>	Vdc/mA	12 / 110		
<b>Max current through inputs</b>	OFF	-		
	ON	45	45	
<b>Protection Level</b>	IP	23		
<b>Temperature operat. limits</b>	°F	23 ... 113		

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