

# NANOKOM MASTHEAD AMPLIFIER

## 1 INPUT: LowVHF/HighVHF/UHF

REF.	DESCRIPTION	EAN 13
561380	MAST AMP. 1I/1O LoV/HiV/U + PSU 12V 110Vac UL	8424450201404



Nanokom masthead amplifier with **1 input (LowVHF/HighVHF/UHF)**, features a **very low noise figure**. With the **USOS (User Selectable Output Signal) function**, the device automatically adjusts its gain to overcome received signal variations based on the user's setting. **12V power supply unit** (Ref. 550104) is included.

- **High output power and gain** in UHF.
- Independent **HighVHF+LowVHF** and **UHF gain adjustments**.
- ON/OFF switch for DC pass in the input, that allows **BOSS system powering**.
- Aesthetically pleasing, ultra-small design.
- **"Easy F"** connection system, reliable and safe, saving up to 50% of the installation time.
- Resistant ABS-plastic case for outdoor installation.



REF.	in (xyz)	lb	U./Pack.
561301	3.4 x 3.1 x 1.6	0.48	1 / box
550104	5.7 x 1.77 x 1.38	0.68	



Ref.	561301			
Inputs/Bands	LowVHF + HighVHF + UHF			
Frequency range	MHz	54...88	174...216	470...698
Gain	dB	20	21	30
Gain regulation margin	dB	0...12		0...15
Output level	EN50083 <sup>(1)</sup>	51		55
	DIN45004B <sup>(2)</sup>	43		47
Noise figure	dB	3.5		1.5
DC Pass	OFF	0		
	ON	50		
Powering / Current consumption	Vdc/mA	12 / 45		
Protection index	IP	23		
Operating temperature	°F	23...113		

Ref.	550104	
Frequency range	MHz	5...862
Though loss (Typ.)	1 Out	1.5
	2 Out	Main: 4 / Aux: 4
Output voltage	V===	12 ± 1.5
Max. output current	mA===	220
Min. output current	mA===	30
Mains voltage	V~/Hz	108 - 132 / 50 - 60
Max. consumpt	mA~/W	65 / 3.6
Protection index	IP	23
Operating temperature	°F	14...113

<sup>(1)</sup>IMD3 2CH -35dB  
<sup>(2)</sup>IMD3 3CH -60dB

