

## Mast Amplifier 12 Volts

# MAP313

## MAP SERIES



Three input mast amplifier of the MAP family suitable to amplify and mix together signals coming from different aerial on medium and small installation. The product has a metal chassis with F female connector.

The innovative plastic housing system locks the cover in place and rotates the case to guarantee safe and quick installation. Adjustable plastic strap for mast mounting  $\varnothing$  60mm max.

### Key point

- Three inputs VHF and double UHF band
- High gain
- High output level
- Low Noise figure
- Completely shielded
- Simple and easy installation

		MAP313	
Fracarro Code		223152	
Inputs	n.°	3	
	Input 1	Band	VHF
	Input 2	Band	UHF
	Input 3	Band	UHF
Output	n.°	1	
<b>INPUT 1 VHF Band</b>			
Bandwidth	MHz	47 ÷ 230 (FM band can be filtered via jumper)	
Gain	dB	24	
Gain Adjustment	dB	15	
Noise Figure	dB	5	
Maximum output Level (IM3 -60dBc 3 tones)	dB $\mu$ V	108	
Maximum output Level (IM3 -35dBc 2 tones)	dBuV	115	
Only DTT signals			
<b>INPUT 2 UHF Band</b>			
Bandwidth	MHz	470 ÷ 862	
Gain	dB	30	
Gain Adjustment	dB	15	
Noise Figure	dB	8	
Maximum output Level (IM3 -60dBc 3 tones)	dB $\mu$ V	108	
Maximum output Level (IM3 -35dBc 2 tones)	dBuV	115	
Only DTT signals			
<b>INPUT 3 UHF Band</b>			
Bandwidth	MHz	470 ÷ 862	
Gain	dB	30	
Gain Adjustment	dB	15	
Noise Figure	dB	8	
Maximum output Level (IM3 -60dBc 3 tones)	dB $\mu$ V	108	
Maximum output Level (IM3 -35dBc 2 tones)	dBuV	115	
Only DTT signals			

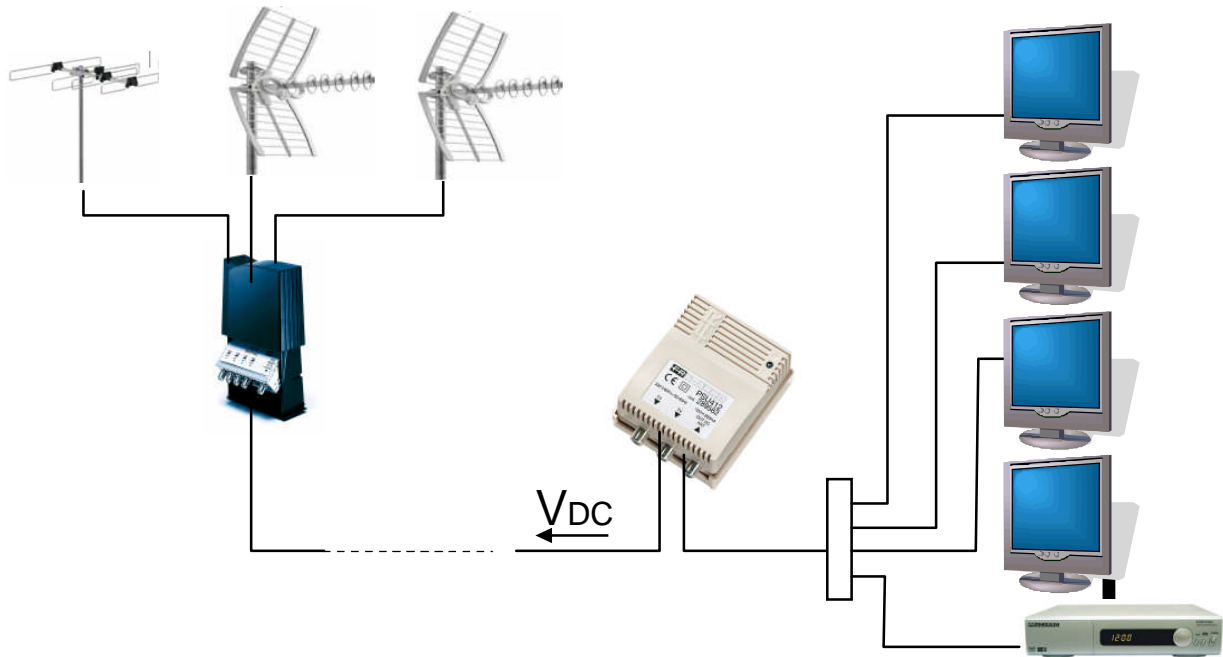
## Main Features

Supply Voltage	V	12
Current consumption	mA	80
Connectors Type		F female
Dimensions (WxHxT)	mm	107x60x95
Operating Temperature	°C	-10 ÷ +55

Fracarro Code	Item	Packaging	EAN Code	Quantity	Dimensions	Net Weight	Total weight
				Pcs	mm	kg	kg
223152	MAP313	Single	8016978041114	1	95x60x107	0,190	0,190
		Multiple	-	10	300x190x107	1,900	1,910

Standard conformity EN 50083-2 (89/336/EEC-EMC)

## Installation example



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