

Mast Amplifier 12 Volts

MAP310

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 FM, DAB and UHF Band
- High gain
- Gain Adjustment
- High output level
- Low Noise figure
- Completely shielded
- Simple and easy installation
- HD compliant

			MAP310
Fracarro Code			223145
Inputs	n.°	3	
	Input 1	Band	FM
	Input 2	Band	DAB
	Input 3	Band	UHF
Output	n.°	1	
INPUT 1 FM Band			
Bandwidth	MHz	88 ÷ 108	
Insertion Loss	dB	-1	
Gain Adjustment	dB	N/A	
Noise Figure	dB	-	
Maximum output Level (IM3 -60dBc 3 tones)	dB μ V	-	
INPUT 2 DAB Band			
Bandwidth	MHz	210 ÷ 240	
Gain	dB	14	
Gain Adjustment	dB	N/A	
Noise Figure	dB	4	
Maximum output Level (IM3 -60dBc 3 tones)	dB μ V	108	
INPUT 3 UHF Band			
Bandwidth	MHz	470 ÷ 862	
Gain	dB	14	
Gain Adjustment	dB	N/A	
Noise Figure	dB	4	
Maximum output Level (IM3 -60dBc 3 tones)	dB μ V	108	
Maximum output Level (IM3 -35dBc 2 tones)	dB μ V	115	
Only DTT signals			

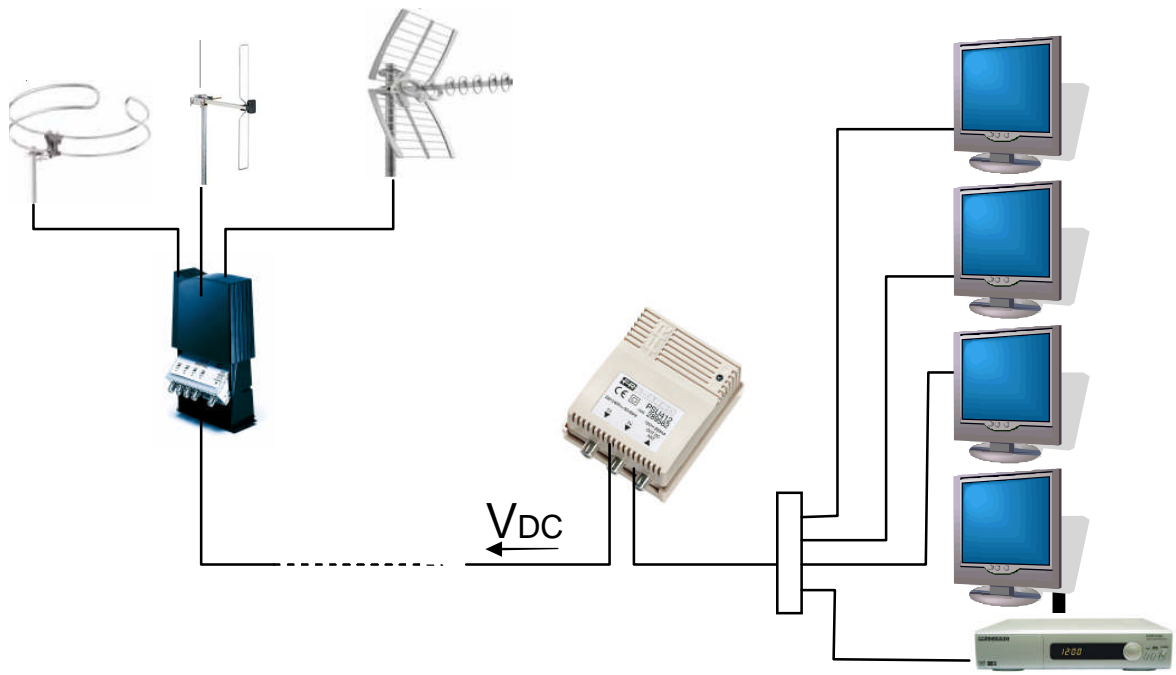
Main Features

Supply Voltage	V	12
Current consumption	mA	35
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
223145	MAP310	Single	8016978041084	1	95x60x107	0,190	0,190
		Multiple	-	10	300x190x107	1,900	1,910

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

Installation example



Fracarro Radioindustrie S.p.A.
via Cazzaro, 3
31033 Castelfranco Veneto (TV)
Italy
tel. +39 0423 7361
fax +39 0423 736220
www.fracarro.com
info@fracarro.com

Fracarro (UK) Ltd
Unit A.
Ibex House, Keller Close
Kiln Farm, Milton Keynes.
MK11 3LL
UK
Tel. +44(0)1908 571571
Fax +44(0)1908 571570

Fracarro Ibérica
Polígono Táctica "Ciudad
de los negocios"
C/2A, nº 4 - 46980
Paterna - Valencia
Tel. +34/961340104
Fax. +34/961340691

Fracarro France S.A.S.
14 bis rue du Ratriait
92158 Suresnes Cedex
France
Tel. +33 1 47283400
Fax +33 1 47283421

Fracarro Tecnologia e
Antenas de Televisao Lda
Rua Alexandre Herculano, nº1-1ºB
Edifício Central Park
2795-242 Linda-a-Velha
Portugal
Tel.: +351214156800
Fax: +351214156809