### Data Sheet

## FRACARRO

### **Mast Channel Processor**

# MCP/UU



WARRANTY FR

Agile RF converter to process analogue and digital terrestrial channels, able to move a channel from its original frequency to anywhere else in the UHF band (470-862MHz).

Input and output frequencies are set by means of a builtin dip-switch.

Due to the high SAW selectivity , it can also be used as a single channel filter.

Level adjustment through internal matched attenuator. Input to mix all other existing channels from a different aerial.

#### **Main Specifications**

- Dual conversion technology and SAW filter to distribute adjacent channels and avoid spurious signals in the band.
- Input MIX to combine the output signal from another aerial
- High output level

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- Impedance 75 Ohm

- Wide dynamic input range

Fully settable through Dip Switch

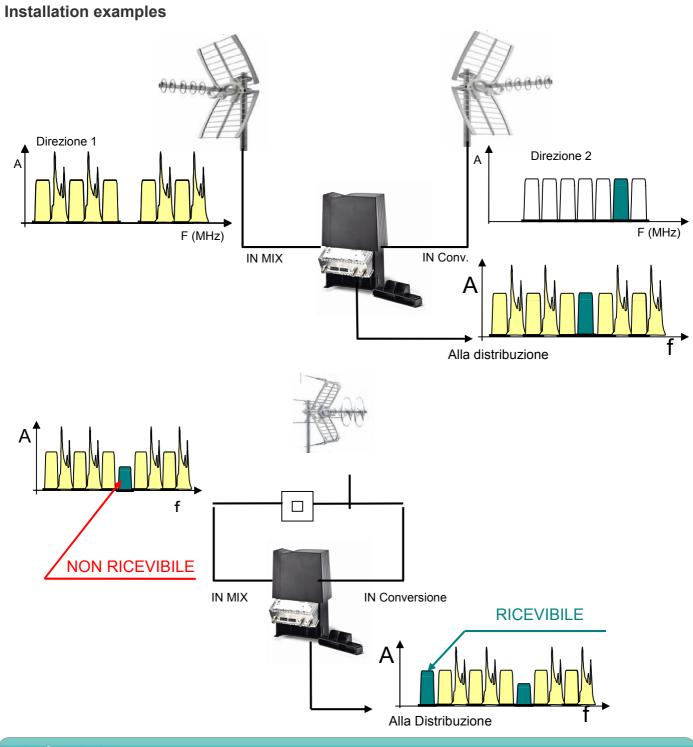
		MCP/UU		
Fracarro Code		223366		
Inputs	No	2		
Input 1	Band	UHF		
Input 2	Band	III + S + UHF		
Output	No	III + S + UHF		
INPUT 1 Conversion				
Input frequency	MHz	470 - 862		
Channels	No	E21 – E69		
Channel Selection		Dip-Switch		
Frequency step	MHz	8		
Max input RF level	dBuV	90		
Gain	dB	15		
Gain Adjustment	dB	20		
Phase Noise	dBc/Hz	85 @ 10KHz		
Maximum output level (IM3 -54dBc 2 tones)	dBuV	90		
Maximum output level (IM3 -35dBc 2 tones)	dBuV	97		
INPUT 2 MIX				
Bandwidth	MHz	47 – 862		
Insertion loss	dB	-4		
General Parameters				
Supply voltage	Vdc	12 (from output connector)		

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Current consumption	mA	170		
Operating temperature	°C	-5 to +55		
Compliant		EN50083-2: 2006-06		

Fracarro Code	Item	Packaging	Quantity	Dimensions	Net weight	Total weight
			Pcs	mm	Kg	Kg
223366	MCP/UU	Single	1	142x70x130	0.40	0.43



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