

# SATELLITE DISH + LNB Kits

Kits composed of Offset satellite dishes manufactured of electro-zinc coated steel with a polyester coating and LNB converters.

## APPLICATION

Suitable for community and individual satellite TV installations.

## CHARACTERISTICS

- The parabolic reflectors are designed to achieve high gain, guaranteeing great strength and mechanical resistance.
- Easy fitting system.
- Universal LNB: low noise figure and high gain.



MODEL		KIT PO 064	KIT PO 081
Reference		86164	86181
Packing dimensions (4 u.)	mm	630 x 605 x 113	850 x 844 x 125
Weight (4 U.)	Kg	14,7	17
<b>SATELLITE DISH</b>			
Diameter	cm	60 x 65	73 x 79
Focal distance	cm	32,7	53
Type of reflector		Offset	
Material		Electro zinc-coated steel	
Coating		Polyester	
Mast diameter	mm	30 ÷ 60	
Elevation		10° ÷ 90°	
Offset angle		28°	26°
Azimuth		360°	
Frequency	GHz	10,7 ÷ 12,75	
Gain @10,7 GHz	dBi	35,2	35.9
Gain @11,7 GHz	dBi	36,1	37.4
Gain @12,7 GHz	dBi	37	38.0
Efficiency	%	> 70	
F/D relation		0,64	
Wind speed		Operating: up to 130 Km/h Maximum: up to 150 Km/h	
<b>Universal LNB</b>			
Number of inputs		1	
Polarity		VL, HL, VH, HH	
Input frequency	GHz	Low Band 10,7 ÷ 11,7 High Band 11,7 ÷ 12,75	
Oscillator frequency	GHz	Low Band 9,75 High Band 10,60	
Output frequency range	MHz	Low Band 950 ÷ 1950 High Band 1100 ÷ 2150	
Noise figure at 20° C	dB	0,2	
Conversion gain	dB	50 ÷ 65 (typical 55)	
Output level (1 dB of compression)	dB	> 0 (typical 5)	
Power supply	V	11,5 ÷ 14 (V); 16 ÷ 19 (H)	
22 KHz tone		0,6 Vpp ± 0,2 for High band	
Consumption	mA	< 200	
Output connectors		F (f)	
Operating temperature range	°C	- 25 ÷ + 60	