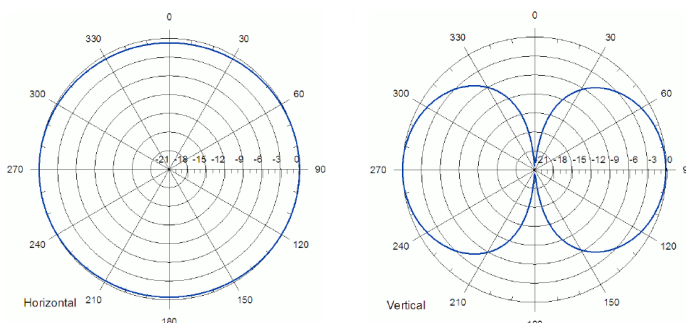


Distribuidor Autorizado En México



Electrical Specifications

Frequency Range	87.5 -108 MHz (Factory Tuned Upon Request)
Gain	2.15 dBi
3dB beam width	Horizontal: 360° / Vertical: 86°
Polarization	Circular
Impedance	50 Ohm
VSWR	≤ 1.1:1 ± 160 KHz
Bandwidth	500 KHz
Maximum power handling	600 W (1 KW 7/16 connector)
Connector Type	N (optional 7/16)
Pressurization	Non pressurized

Mechanical & Environmental Specifications

Materials	Stainless Steel
Dimensions (W x D x H)	500 x 500 x 750 mm
Maximum wind speed	200 km/h
Wind load	200 N (@160 km/h)
Weight	3.5 kg
Clamp Type	To Ø 25-75 mm pipe
Vertical Spacing	0.8 - 0.9 typical
Grounding	DC grounded
Temperature range	-40°C 70 80°C
Humidity	100%

Antenna System Characteristics

Number of Bays	Number ant. Per bay	Peak gain (dbd)	Weight (Kg)	Wind load (@160 km/h)	System height (mm)
1	1	0.2	5	0.2 kN	750
2	1	3.2	10	0.4 kN	3450
4	1	6.2	20	0.8 kN	8850
6	1	8.0	30	1.2 kN	14250
8	1	9.2	40	1.6 kN	19650

Note: Radiation patterns and gain values at the table are including the effect of supporting pole.

Null fill, beam tilt, harness & feeder losses NOT INCLUDED.

Wind load & weight figures without considering cables, splitters & hardware.

Specially suited for individual use or in a medium power antenna system.

EUROTEL BROADCAST S.L.

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