

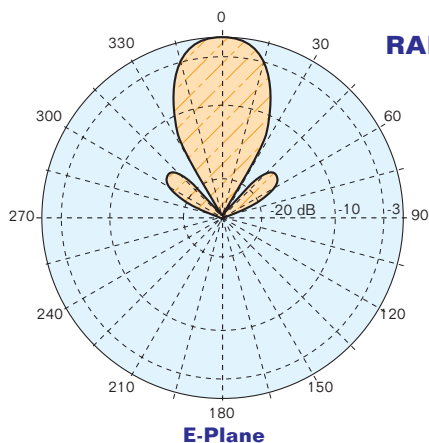
Model PA90

- **Link Panel Antenna**
- **870÷960 MHz**
- **Vertical or Horizontal polarization**
- **Directional Pattern**

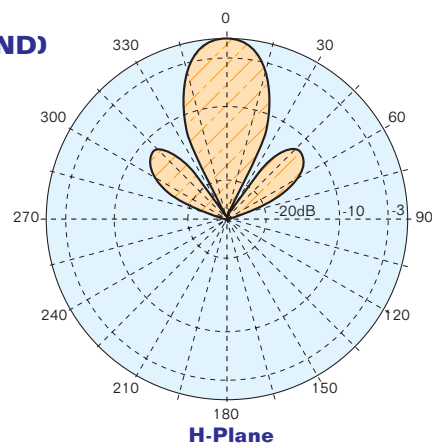


ELECTRICAL DATA	
Frequency range	870÷960 MHz
Impedance	50 Ohm
Connectors	N
Max Power	100W (N)
VSWR	≤ 1.5:1
Polarization	Horizontal or Vertical
Gain	12.5 dB (referred to half-wave dipole)
Half power beam width	E plane ± 15° H plane ± 13°
Lightning protection	All metal parts DC grounded

MECHANICAL DATA	
Dimensions	600 x 600 x 130 mm
Weight	3 Kg
Wind surface	0.3 m ²
Wind load	45 kg (wind speed at 160 km/h)
Max wind velocity	200 km/h
Materials	Internal parts: passivated aluminium, brass Clamp: hot dip galvanized steel Radome: PST
Icing protection	Radome
Radome color	White
Mounting	With special pipe clamps 50÷110 mm dia.



RADIATION PATTERN (MID BAND)



- Gain is provided for vertical polarization.
- If the antenna is side mounted, the supporting structure will have a slight effect on the radiation pattern and VSWR.
- Actual values vary with the specific installation. Contact us for more details of your installation.
- Antenna wind load is calculated for 100 Mph (160Km/h) per EIA-222-C standard.