

ELECTRICAL FEATURES

WORKING BAND: 705-975 MHz

BANDWIDTH: 270 MHz

GAIN: 14 dBd (16.2 dBi)

VSWR: $\leq 1.29:1$ (-17.95 dB)

POLARIZATION: vertical (o horizontal)

IMPEDANCE: 50 Ohm balanced

HALF POWER BEAMWIDTH:

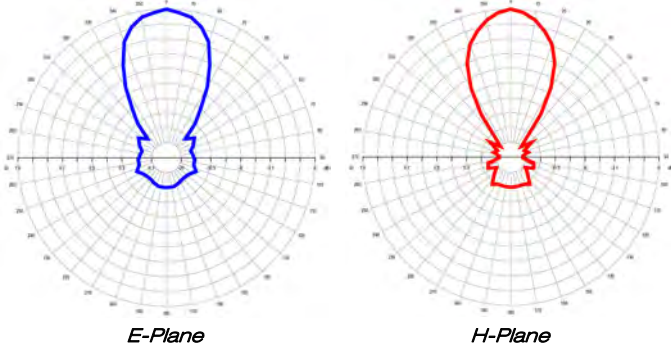
E-Plane - 49°

H-Plane - 49°

LIGHTNING PROTECTION: all metal parts DC ground including inner conductors

AVAILABLE VERSIONS AND CODE:

ARI1608330 - N female connector - max 100W (r.m.s.)



E-Plane

H-Plane

MECHANICAL FEATURES

MATERIALS: antenna in stainless steel, lines in brass, teflon isolators, silicon O-Rings, hot dip galvanized steel bracket and bolts

MOUNTING: directly on supporting structure

MOUNTING BRACKET: included for $\varnothing 60$ -114mm. pipe

ICING PROTECTION: ABS radome

TREATMENTS:

silver-plated internal line, hot galvanized brackets

ANTENNA DIMENSIONS: 1200x260x90mm

WEIGHT: 4 Kg

WIND SURFACE:

0.03 m² front - 0.18 m² side (V Pol.) - 0.18 m² side (H Pol.)

WIND LOAD (at 160Km/h and 30° C air temperature):

3.83 Kg front - 34.12 Kg side (V Pol.) - 10.39 Kg side (H Pol.)

SURVIVAL WIND: 160Km/h

PACKING DIMENSIONS: box 1250x290x130 mm - 5 Kg

ARI16 08 330

0.8-28 GHz
Links

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Antenna yagi a 16 elementi.
Irradiazione direttiva.
Adatta per link punto-punto.
Leggera.

*Yagi 16 elements antenna.
Directional radiation pattern.
Suitable for point-to-point link.
Light.*

