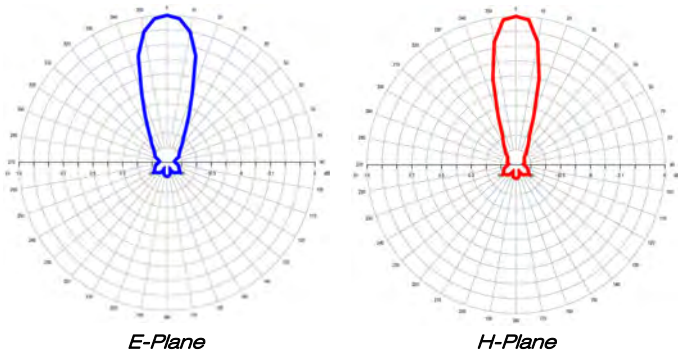


ELECTRICAL FEATURES

WORKING BAND: 470÷860 MHz
BANDWIDTH: 3% of working frequency with VSWR ≤ 1.22:1
GAIN: 14 dBd (16.2 dBi)
VSWR: ≤ 1.1:1 (-26.4 dB)
POLARIZATION: horizontal (or vertical)
IMPEDANCE: 50 Ohm unbalanced
HALF POWER BEAMWIDTH:
 E-Plane - 25°
 H-Plane - 32°

LIGHTNING PROTECTION: all metal parts DC grounded
AVAILABLE VERSIONS AND CODE:

Band 470÷860 MHz - Bandwidth: 3% of working frequency
 AST1407335 - N female - max 50W (r.m.s.)
 AST1407336 - DIN 7/16 female - max 200W (r.m.s.)
 AST1407337 - EIA 7/8" flange - max 400W (r.m.s.)



Antenna yagi sintonizzata a 14 elementi in acciaio inox.
 Irradiazione direttiva.
 Adatta per link punto-punto.
 Smontabile.

*Yagi 14 elements tuned stainless steel antenna.
 Directional radiation pattern.
 Suitable for point-to-point link.
 Demountable.*

MECHANICAL FEATURES

MATERIALS: antenna in st. steel, bracket and bolts
 In hot dip galvanized steel, components in aluminium,
 teflon isolators, silicon O-Rings
MOUNTING: directly on supporting structure
MOUNTING BRACKET: included for Ø 60÷114mm. pipe
TREATMENTS: hot-dip galvanized bracket,
 aluminium components military grade MIL-C-5541
ANTENNA DIMENSIONS:
 in reference to the working frequency
WEIGHT: in reference to the working frequency
WIND SURFACE: in reference to the working frequency
WIND LOAD (at 160Km/h and 30° C air temperature):
 in reference to the working frequency
SURVIVAL WIND: 160Km/h
PACKING DIMENSIONS:
 in reference to the working frequency

