

ATOM2n is a compact and low profile TETRA antenna, providing superior patterning and continuous performance in 380 MHz- 470 MHz frequency band.

ATOM2n is designed for both outdoor and indoor use. Similarly, this antenna is perfectly suited for use on a moving vehicle as well as on a fixed infrastructure.

Highly efficient over the whole TETRA band, **ATOM2n** offers a very low VSWR and an unparalleled out-of-band signal rejection in spite of its small size.

SPECIFICATIONS

Electrical Data

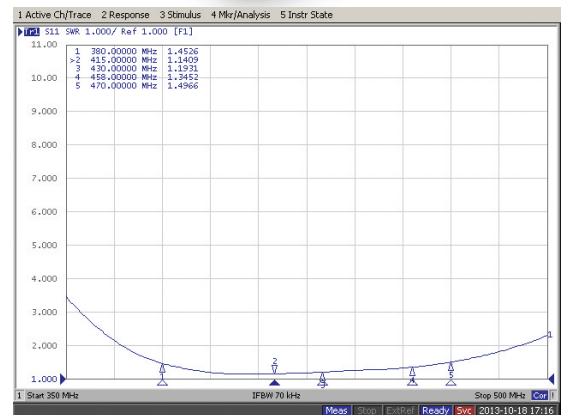
Frequency range	380 – 470 MHz
Input impedance	50 Ω
VSWR	< 1.7/1
Maximum input power	50 W
Peak gain	2 dBi
Radiation pattern	Omni-directional
Polarization	Vertical

Mechanical Data

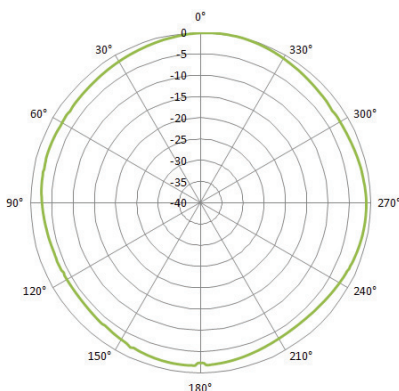
Connector	N female
Material	U.V. stabilized and flame retardant ABS, aluminum base plate
Colour	Bright white
Inner conductor	DC grounded
Weight	360 gr
Dimensions	Height: 127 mm (5") Plate: 128 x 68 mm (4.72" x 2.68")
Operating temperature	- 25 °C to + 70 °C (- 13°F to +158°F)
Relative humidity	0% to 100%
Ingress protection	IP 65
Standards	- ETSI EN 300 392-2 V2.3.2 (2001-03) - NF EN 50388 and NF EN 50123 - NF F 16-601 and NF F 16-602

Mounting Data

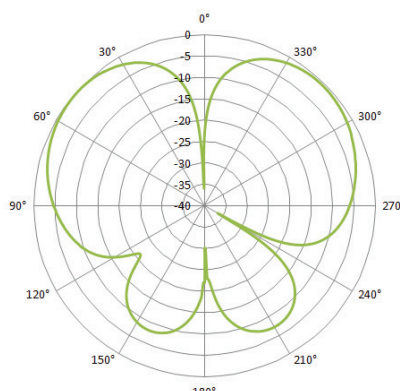
Fixing	M25 nut + ring
Spindle diameter	25 mm (0.98")
Max. thickness for support	11 mm (0.43")



H-plane



E-plane



VSWR

