

Indoor ceiling mount antenna, TETRA/UHF 380-470MHz

DESCRIPTION

The 802 is a compact, stylish and efficient indoor antenna designed for use with UHF and TETRA systems. It's ingenious radiator design allows for incredibly broadband operation making the antenna suitable for use within either TETRA frequency band. It's stylish design makes for a discreet installation in any modern office or industrial complex, and the antenna is simple to install with the minimum of fuss.

- Former Skymasts brand product.

SPECIFICATIONS

Electrical	
Frequency	380 - 470 MHz
Max. Input Power	50 W
Polarisation	Vertical
3 dB Beamwidth, E-Plane	80 °
3 dB Beamwidth, H-Plane	Omnidirectional
Impedance	50 Ω
Gain	-1.2dBd / 1dBi
VSWR	< 2.0:1
Passive Intermodulation	-147dBc (3rd Order, 2 x Tx @ 37dBm)
In iBwave	Yes

Mechanical	
Connection(s)	N(f) on 500mm RG303 cable
Radiator Material	FR4 Printed Circuit
Radome Material / Colour	ABS White Fire Retardant
Dimensions	231 (dia.) x 81 (height) mm
Weight	0.42 kg / 0.93 lb
Mounting	3 holes in base provided for ceiling mounting

Environmental	
Operating Temperature Range	-40 to 70 °C
Ingress Protection	IP54

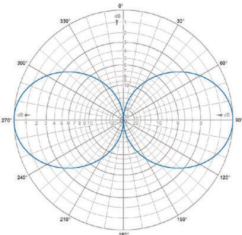
ORDERING

Type	Product No.	Frequency
Indoor ceiling mount antenna, TETRA/UHF 380-470MHz	802.00.05.00	380 - 470 MHz
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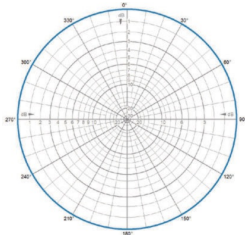
DIAGRAM

RADIATION PATTERNS



E-Plane | 425 MHz

RADIATION PATTERNS



H-Plane | 425 MHz