802.0x.05.00/...

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



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.

SPECIFICATION

PRODUCT INFORMATION

Model	802.00.05.00	802.01.05.00	802.02.05.00
Last Update	7 Oct 2026		

ELECTRICAL

Frequency	380 - 470 MHz	380 - 430 MHz	420 - 470 MHz
Max. Input Power	50 W		
Impedance	50 Ω		
VSWR	< 2.0:1		
Gain	-1.2 dBd / 1 dBi	0 dBd / 2.2 dBi	
Polarisation	Vertical		
Passive Intermodulation	-147 dBc (3rd Order, 2 x Tx @ 37 dBm)		
3 dB Beamwidth, H-Plane	Omnidirectional		
3 dB Beamwidth, E-Plane	80 °		
In iBwave	Yes		

ENVIRONMENTAL	
Ingress Protection	IP54
Operating temperature range	-40 °C to +70 °C

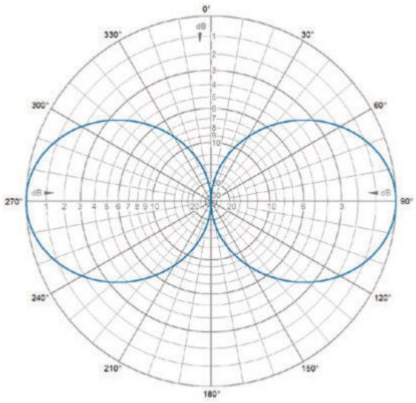
MECHANICAL	
Connection(s)	N(f) on 500 mm RG303 cable
Historic Brand	Skymasts
Dimensions	231 x 81 mm / 9.09 x 3.19 in.
Weight	Approx. 0.42 kg / 0.93 lb.
Mounting	3 holes in base provided for ceiling mounting
Radiator Material	FR4 Printed Circuit
Radome Material / Colour	ABS White Fire Retardant

ORDERING CODES

MODEL	ITEM ID	FREQUENCY
Indoor ceiling mount antenna	802.00.05.00	380 - 470 MHz
Indoor ceiling mount antenna	802.01.05.00	380 - 430 MHz
Indoor ceiling mount antenna	802.02.05.00	420 - 470 MHz

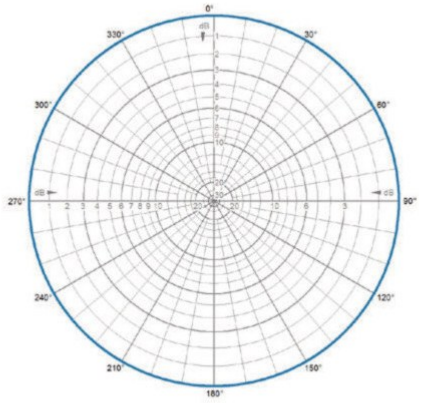
DIAGRAMS

RADIATION PATTERNS



E-Plane | 425 MHz

RADIATION PATTERNS



H-Plane | 425 MHz

ADDITIONAL INFORMATION

Dimensions & Mounting

