

Indoor ceiling mount antenna, UHF 420-470MHz

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	420 - 470 MHz
Max. Input Power	50 W
Polarisation	Vertical
3 dB Beamwidth, E-Plane	80 °
3 dB Beamwidth, H-Plane	360 °
Impedance	50 Ω
Gain	-0.15 dBd
VSWR	< 2.0:1
Passive Intermodulation	-147 dBc

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

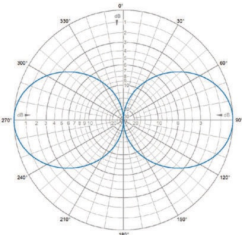
Environmental	
Operating Temperature Range	-40 to 75 °C
Ingress Protection	IP54

ORDERING

Model	Product No.	Frequency
Indoor ceiling mount antenna, UHF 420-470MHz	802.02.05.00	420 - 470 MHz

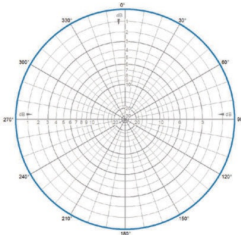
DIAGRAM

RADIATION PATTERNS



E-Plane | 445 MHz

RADIATION PATTERNS



H-Plane | 445 MHz