

UHF/TETRA wideband indoor panel antenna 380-470MHz

DESCRIPTION

The 752.01.05.00 antenna is a broadband panel antenna suitable for indoor or outdoor coverage with TETRA and other UHF repeater systems. The dual patch design gives the antenna stable radiation characteristics over a broad band of frequencies making the antenna ideal for a large range of indoor multichannel UHF repeater networks. This model has undergone S.A.R. testing to EN50385:2002. The antenna is available with a snap-fit wall mounting bracket for easy installation, and can be supplied with connector and cabling options to suit application requirements.

- Former Skymasts brand product.

SPECIFICATIONS

Electrical	
Frequency	380 - 470 MHz
Max. Input Power	50 W
Polarisation	Linear (Vertical or Horizontal)
3 dB Beamwidth, E-Plane	120 °
3 dB Beamwidth, H-Plane	130 °
Impedance	50 Ω
Gain	1.9dBd / 4dBi
VSWR	< 2.0:1
Front-To-Back Ratio	> 8 dB
Passive Intermodulation	-140dBc (3rd Order, 2 x Tx@ 37dBm)

Mechanical	
Connection(s)	N(f) on 500mm RG303 cable
Materials	Aluminium, PTFE, ABS, Brass
Radome Material / Colour	ABS White Fire Retardant
Dimensions	292 x 292 x 76 mm
Weight	1.1 kg / 2.43 lb

Environmental	
Operating Temperature Range	-40 to 75 °C
Ingress Protection	IP56

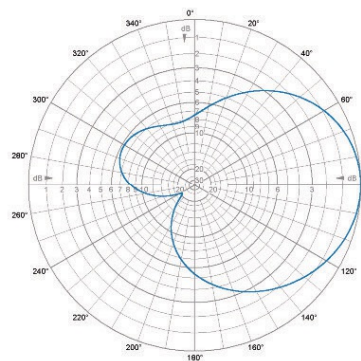
ORDERING

Model	Product No.	Description	Frequency
UHF/TETRA wideband indoor panel antenna 380-470MHz	752.01.05.00	Wall mount plate	380 - 470 MHz
UHF/TETRA wideband indoor panel antenna 380-470MHz	752.01.05.10	Pole mount, 38-60mm	380 - 470 MHz



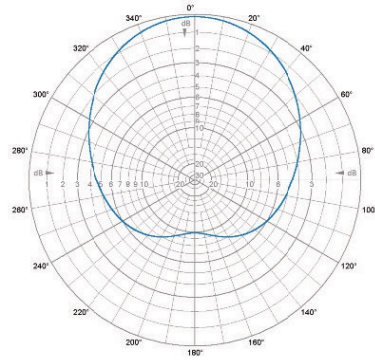
DIAGRAM

RADIATION PATTERNS



E-Plane | 425 MHz

RADIATION PATTERNS



H-Plane | 425 MHz