UHF/TETRA wideband indoor panel antenna 320-380MHz

DESCRIPTION

The 752.05.05.00 antenna is a broadband panel antenna suitable for indoor or outdoor coverage with 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. 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	320 - 380 MHz
Max. Input Power	50 W
Polarisation	Vertical
3 dB Beamwidth, E-Plane	130 °
3 dB Beamwidth, H-Plane	140 °
Impedance	50 Ω
Gain	1dBd / 3.2dBi
VSWR	< 1.5:1
Front-To-Back Ratio	> 6 dB
Passive Intermodulation	-153dBc (3rd Order, 2 x Tx @ 37dBm)
Antistatic Protection	All metal parts DC-grounded (Connector shows a DC-short)

Mechanical	
Connection(s)	N(f) on 500mm RG213/U cable
Radome Material / Colour	ABS White Fire Retardant
Dimensions	292 x 292 x 76 mm (L x W x D)
Weight	1.1 kg / 2.43 lb

Environmental	
Operating Temperature Range	-40 to 70 °C
Ingress Protection	IP56

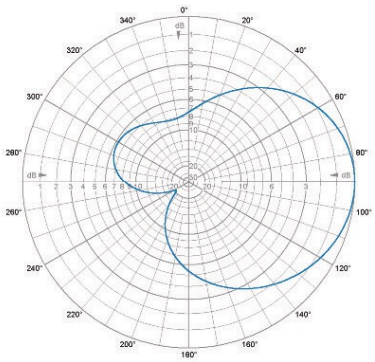
ORDERING

Model	Product No.	Frequency
UHF/TETRA wideband indoor panel antenna 320-380MHz	752.05.05.00	320 - 380 MHz



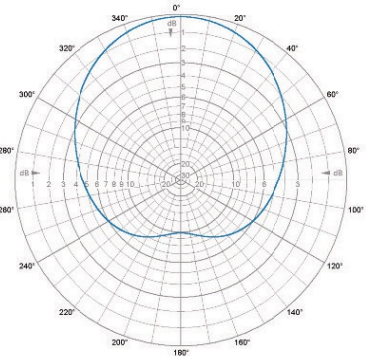
DIAGRAM

RADIATION PATTERNS



E-Plane | 350 MHz

RADIATION PATTERNS



H-Plane | 350 MHz