

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.



<b>Frequency range</b>	380-470MHz
<b>Input impedance</b>	50Ω
<b>VSWR</b>	<2.0:1
<b>Front to back ratio</b>	8 dB
<b>Maximum input power</b>	50 W
<b>Polarisation</b>	Vertical & horizontal
<b>Forward gain</b>	4 dBi
<b>Beamwidth</b>	E-Plane 120° H-Plane 130°
<b>IM3</b>	<-140dBc (2 x Tx@ 37dBm)
<b>S.A.R.* Testing</b>	EN50385:2002; 7.19W Touch Safe Level
<b>*(Specific Absorption Rate)</b>	
<b>Standard connection</b>	'N' Socket on 500mm RG303 cable
<b>Materials</b>	Aluminium, PTFE, ABS, Brass
<b>Radome</b>	ABS Fire retardant, white RAL6014
<b>Weight</b>	0.4 kg
<b>Dimensions</b>	292 x 292 x 76mm

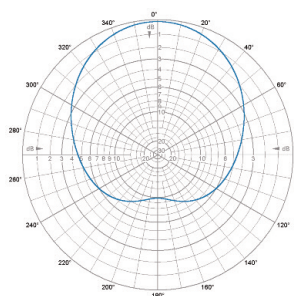
**SAR Tested**

**Low PIM Certified**

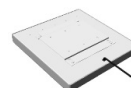
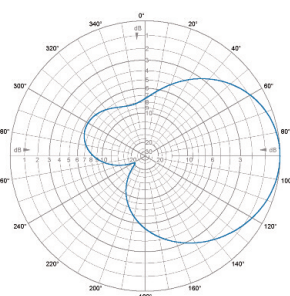
#### Free Space Radiation Patterns

#### Ordering Codes

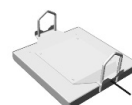
**H-Plane**



**E-Plane**



**752.01.05.00**  
Antenna with  
wall mount plate



**752.01.05.10**  
Antenna with  
pole mount plate  
and 60mm U-  
bolts

Issue 2. E&OE  This product is RoHS compliant