

UWB-I-380-6000

MULTIBAND BAND | OMNI ANTENNA | V-POL | 360° | 0 DBI

Features

- Ultra Wideband, vertically polarized, omni antenna
- Low-profile DAS indoor antenna for the 380-6000 MHz band
- Capable of supporting TETRA, GSM, DCS, PCS, UMTS, WiFi 2.4 and 5.6 GHz, 4G LTE and WiMax
- Provided with external coaxial cable with N-female connector
- No need for external ground plane
- Two installation options

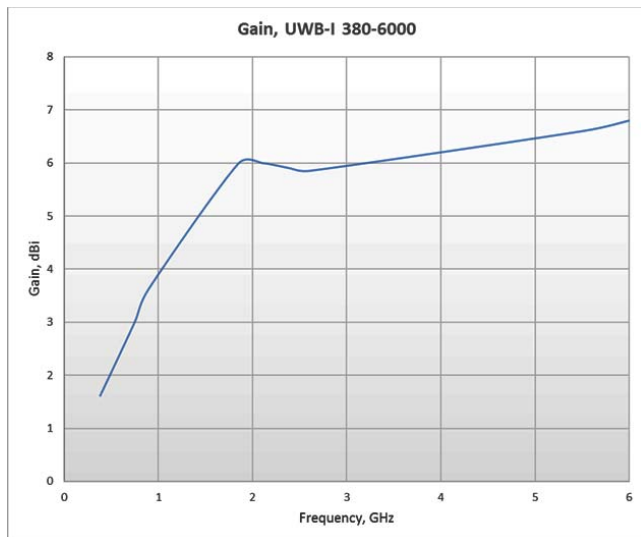


Electrical Characteristics

Frequency Bands (MHz)	380-6000 MHz					
Polarization	Linear (Vertical Polarized)					
Horizontal Beamwidth	360° (Omnidirectional)					
Gain	380-1000 MHz	1000-1700 MHz	1700-3400 MHz	3400-6000 MHz		
	2 dBi	4 dBi	5 dBi	6 dBi		
Impedance (nominal)	50Ω					
VSWR	Tetra	4G LTE	GSM	UMTS	WiFi	WiMax
	≤ 2	≤ 2	≤ 2	≤ 2	≤ 2	≤ 2
IM3 (2x43 dBm)	< -140 dBc					
Input Power (max)	50 W					
Connector Type	(1x) N Female on 400 mm of RG400 cable					
Operating Temperature	-30° to +70° C (-22° to +158° F)					

Mechanical Characteristics

Materials	Radome	Lexan				
	Flame Retardant	UL 94 HB recognized				
	Chasis	Aluminium				
Colour	White RAL 9003					
Dimensions - Height x Width x Depth (excluding connectors)	146 x 107 x 325 mm			5.7 x 4.2 x 12.8 in		
Weight (approx)	0.65 kg			1.4 lbs		



Quoted performance parameters are provided to offer typical, peak or range values only and may vary as a result of normal testing, manufacturing and operational conditions. Extreme operational conditions and/or stress on structural supports is beyond our control. Such conditions may result in damage to this product. Improvements to products may be made without notice.

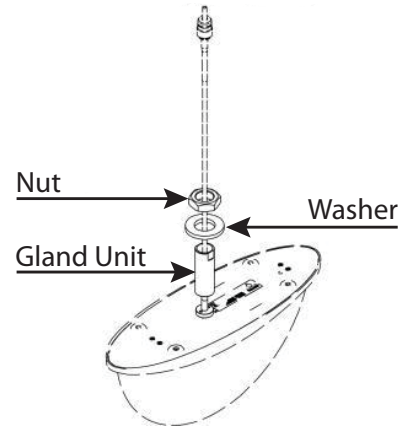
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Antenna Installation

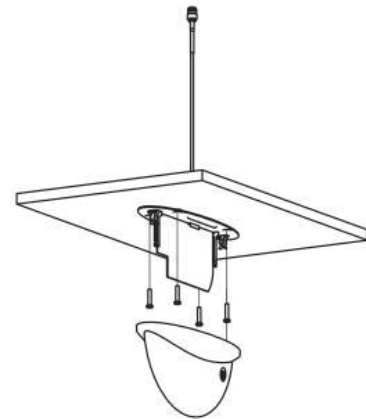
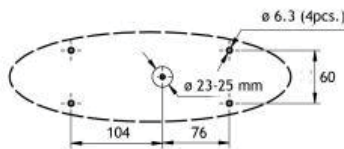
Method A - Gland Installation
(ceiling thickness 3-44 mm)

- Screw the gland unit on to the bottom
- Drill a hole in the ceiling (Ø23-25 mm)
- Pull the cable through the hole
- Mount the antenna with thw nut and the washer

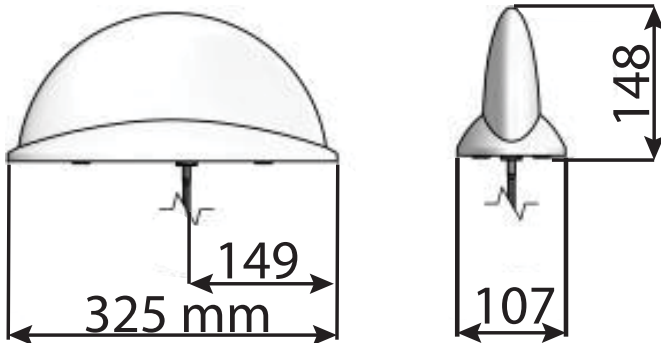


Method B

- Separate the radome (white plastic) from the base by pulling the two parts from each other
- Drill five holes in the ceiling; 4 holes Ø6.3 mm and 1 hole Ø23-25mm
- Pull the cable through the Ø23 mm hole
- Mount the base part to the ceiling with 4 screws (e.g. M6 screws); Screw height max 5 mm
- Snap the radome to the base



Dimensional Drawing



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