



- ◆ Omni Antenna for all common wireless bands from 380 to 6000 MHz
- ◆ Low Passive IM., PIM
- ◆ Small Size and Light Weight
- ◆ Ceiling Mount
- ◆ High Gain and Stable Performance
- ◆ Up to 60 Watts Average Power
- ◆ High Reliability
- ◆ Simple, Cost Effective Design
- ◆ For Indoor Applications
- ◆ Flame Retardant Radome

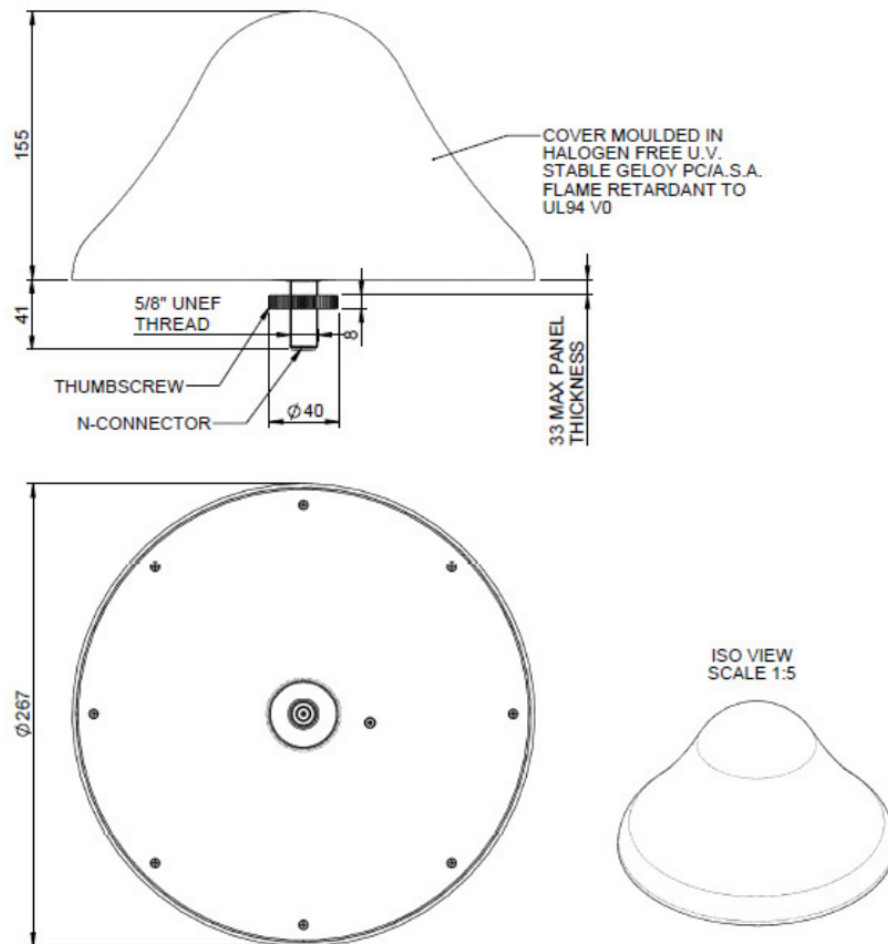
The YA-17NF is an attractive low cost omnidirectional antenna. These antennas are popular for propagating in-building wireless signals in distributed antenna systems, (DAS). This wideband antenna covers all common wireless and WiFi bands from 380 to 6000 MHz including 380, 450, 700, 800, 850, 900, 1700, 1800, 1900, 2100, 2400, 2600, 3500, 4900, 5000 and 5750 MHz.

The antenna only requires one mounting hole for installation. The antenna can be fitted onto both thick and thin ceiling tiles.

Frequency Bands:	
Band 1:	380-470 MHz
Band 2:	698-960 MHz
Band 3:	1710-6000 MHz
Nominal Peak Gain:	2 dBi @380-520 MHz 4 dBi @698-960 MHz 7 dBi @1710-6000 MHz
VSWR:	<2.5:1 typ. @380-470/890-960 MHz <2:1 typ. @1710-1880/3400-3800 MHz <1.8 typ. @698-894/1880-2700/4900-6000 MHz
Radiation Pattern:	Omni-directional
Input Power:	60W max
Impedance:	50Ω nominal
Intermod. (PIM):	<-153 dBc max (test with 2 x +43 dBm tones)
Environment:	-30° to +70°C, operational
Radome Material:	White, U.V Stabilised flame retardant LSZH Material. Meets UL94 V-0 specs
Antenna Dimensions:	
Diameter:	10.7 in (266 mm)
Height:	5.9 in (150 mm)
Mounting Dimensions:	
Diameter:	0.24 in (6 mm)/0.625 in (15.9 mm)
Depth:	1.6 in (41 mm)
Connector:	N-type female
Mounting:	N-type socket lock wheel

Note: Specifications are subject to change without prior notification.

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All dimensions in mm unless otherwise stated