

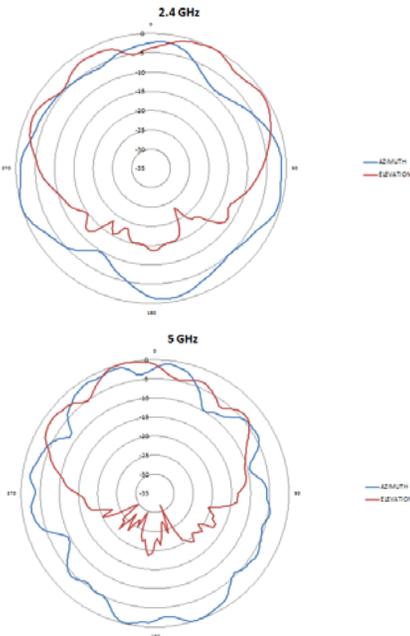


Raised Access Floor Wi-Fi Antenna with 4 Dual Band Leads and RPTNC Connectors

Ventev's patent-pending TerraWave Raised Access Floor Wi-Fi Antenna embeds Ventev's proprietary antenna technology into Haworth® TecCrete® Access Flooring 1250 panels. The Access Floor Antenna is typically deployed in raised-floor environments, such as offices, schools, libraries, museums and casinos, where aesthetics and an open environment matter. Deployed under a variety of fabrics and finishes, this antenna will withstand normal office activities, including proper load bearing, with no performance degradation. *Every TerraWave antenna is covered by a 2- year TerraNet warranty program. Contact a Regional Sales Executive at 800-851-4965, or sales@ventev.com for questions and to purchase product.*



REVIT FILES AVAILABLE– Download Ventev's Floor Antennas and import into your Revit application: <https://haworth.app.box.com/s/xh9jtw8fqgapjw6oqzv51148w3b7p9zj>



Haworth® is a registered trademark of Haworth, Inc.

Raised Access Floor Wi-Fi Antenna Specifications (Antenna installed in Tile)						
Base Tile	Haworth TecCrete 1250					
Dimensions of Tile with Antenna	Length	24"	Width	24"	Height	1.125"
Weight	42 lbs					
Concentrated Loads	1250 lbs. <.10					
Uniform Loads	600<.040					
Rolling Loads	10 Passes			10,000 Passes		
	600 lbs.			400 lbs.		
Antenna Performance	See Antenna Specifications					
Antenna Specifications						
Model Number	M6030060042402FA					
Frequency Ranges	2.4-2.5 GHz			5.150-5.850 GHz		
Gain	</= 3 dBi			</= 6 dBi		
Vertical Beamwidth (Antenna Length Axis)	55/40					
Vertical Beamwidth (Antenna Width Axis)	45/25					
Horizontal Beamwidth	360					
Front-to-Back Ratio	NA					
VSWR	</= 2.5 dBi			</= 2.5 dBi		
	Note: The VSWR readings assume carpet is covering the Panel.					
Passive Inter-Modulation	NA					
Polarization	Vertical					
Operating Temperature	0°F to 140°F					
Max Power Rating	10W					
Connector and Leads	4x RPTNC Plug Connectors and 4x 36" Plenum Leads. All leads same color.					
Mount	Atop Raised Access Flooring Pedastals					
Dimensions (Inches)	Length	13.78"	Width	9"	Height	0.11"
Compliance	RoHS	Antenna = Yes	UL 94-V0	NA		



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INSTALLATION GUIDELINES

The TecCrete Panel contains integrated wireless transmission antenna technology. The panel is designed to accommodate standard office environment traffic and life-cycle activity. Panels are to be installed after completion of construction and move-in cycle loading conditions. Floor protection is to be utilized over the panel during any period of non-standard activity such as furniture reconfiguration or movement of heavy equipment. Minimum recommended floor protection is 1/2" plywood or equivalent. The embedded antenna's cables and connectors are also susceptible to damage if not handled carefully. The cables should remain looped and tie-wrapped until connection with the radio access point.

PRODUCT WARRANTY

Ventev guarantees to the end user of this product that it is free from defects in material and workmanship and that if used in accordance with the specifications and Installation Guidelines in this document, it will perform as specified for two years from the date of purchase. This Warranty does not cover damages caused by accident, misuse, modification, acts of nature, improper installation, excessive loading, mishandling, or abnormal wear and tear. *Load bearing specifications are not guaranteed if product is placed in non-Haworth flooring grid. This warranty is Ventev's only warranty for the Raised Access Floor Wi-Fi Antenna. There are no other express or implied warranties for this product including any warranty of merchantability or fitness for a particular purpose; and purchaser's remedy is limited to replacement of the product. Ventev will not be liable for any indirect, incidental, or punitive damages arising from the use of any Ventev products. The Ventev Warranty does not, in any situation, cover the repair or replacement of property, including but not limited to, electronic devices and/or other personal property.

SAR DISCLAIMER

"This product has been shown to be compliant for localized specific absorption rate (SAR) for uncontrolled environment/general exposure limits specified in ANSI/IEEE Std. C95.1-1992 and has been tested by RF Exposure Lab in accordance with the measurement procedures specified in IEEE 1528-2013 and IEC 62209-2:2010. The typical usage scenario for this antenna is a person standing directly atop the radiating antenna. Testing showed the FCC's RF exposure limit is not exceeded at the maximum 23 dBm power out of the radio (access point) in the typical usage scenario. A worst case scenario of someone lying directly atop the radiating antenna was also tested, and results show the FCC's RF exposure requirements are not exceeded at a power level of 15 dBm (or less) out of the radio (access point). Test Report Number SAR: 20150909 is available upon request."