



## 2.4/5/6 GHz 2/4 dBi Raised Access Floor Wi-Fi Antenna with 6 Dual Band Leads RPSMA



Ventev's patent-pending TerraWave Raised Access Floor Wi-Fi Antenna embeds Ventev's proprietary antenna technology into Global IFS® TecCreate® 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 Ventev antenna is RoHS compliant and covered by Ventev's two-year TerraNet warranty program.*

**For more information or to purchase, contact Ventev: 800.851.4965 or [sales@ventev.com](mailto:sales@ventev.com).**

### SPECIFICATIONS

SKU: 270444

Model Number: M6030040O62420TA

Frequency Range: 2.4-2.5/5.150-5.850/5.925/7.125 GHz

Gain: 2/3.5 dBi

Vertical Beamwidth: 50°/40°/30°

Polarization: Vertical

VSWR: ≤2.5

Maximum Input Power: 10W

Connector Type: RPSMA Male

Antenna Cable: 36" plenum

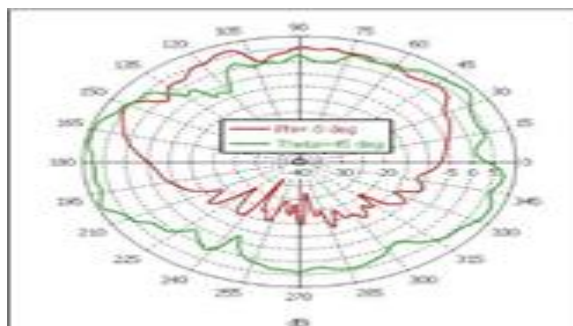
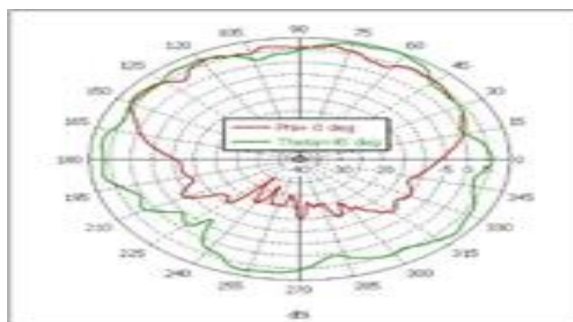
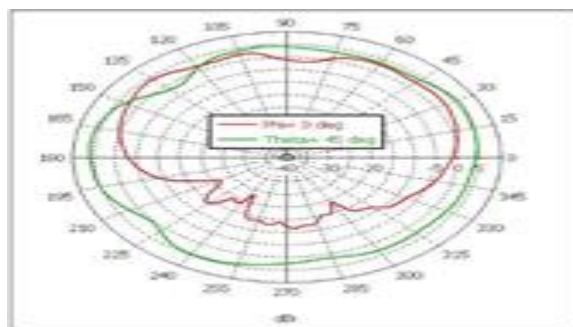
Dimensions: 14.81" x 14.56" x 0.11"

Weight: 42.00

Mounting Method(s): Atop Raised Access Flooring Pedestals

Operating Temperature: 0°F to 140°F

### RADIATION PATTERNS



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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 placed in non-Global IFS flooring grid. This warranty is Ventev's only warranty for the Access Floor Panel Antenna product. 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."