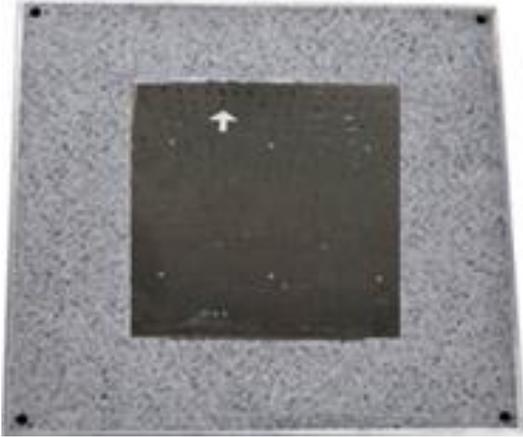




# Raised Access Floor Wi-Fi Antenna with 8 Dual Band Leads and RPTNC Male Connectors



Ventev's patent-pending Raised Access Floor Wi-Fi Antenna embeds Ventev's proprietary antenna technology into Global IFS® 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 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: 232168

Model Number: M6020030O83602TA

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

Gain:  $\leq 2$  dBi /  $\leq 3$  dBi /  $\leq 3$  dBi

Horizontal Beamwidth: 360°

Vertical Beamwidth (Antenna Length Axis): 50°/ 40°/ 30°

Vertical Beamwidth (Antenna Length Axis): 45°/ 35°/ 25°

Polarization: Vertical

VSWR:  $\leq 2.5$  /  $\leq 2.5$  /  $\leq 2.5$

Maximum Input Power: 10W

# of Ports: 8

Connector Type: RPTNC Male

Antenna Cable: 8 x 36" Plenum Leads

Dimensions: 14.81 x 14.56 x 0.11"

Weight: 42 lbs.

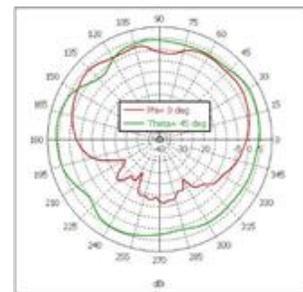
Mounting Method(s): Atop raised access flooring pedestals

Operating Temperature: 0° to 140°F

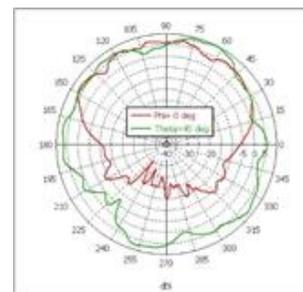
Compliance: RoHS

## RADIATION PATTERNS

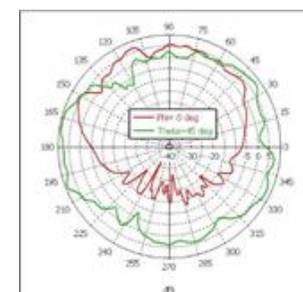
2.4 GHz



5 GHz



7 GHz



*Terrawave by Ventev*

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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.