



TS-9325 OVERVIEW

Drop-Ceiling Antenna

Uncompromising Performance

Designed for RF monitoring and multiband signal reception, the TS-9325 antenna is among the finest omnidirectional sensors in the world. This aesthetically pleasing indoor antenna can be used for transmitting up to 25 W or for general, multiband signal reception. It is ideally suited where a small, broad-coverage, unobtrusive antenna is needed.

Low Profile, High Performance

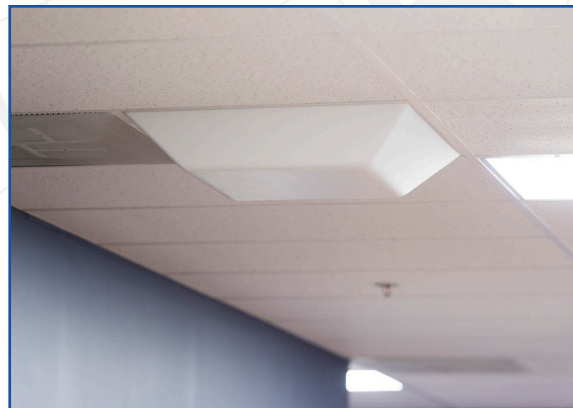
This antenna was designed for In-Place Monitoring Systems (IPMS) for in-building coverage where a low-profile design is required. It features a ruggedized internal design with a high-impact, white ABS plastic enclosure. Mounting is simple and takes less than two minutes. The TS-9325 covers from 100 MHz to 40 GHz; the unit operates far below and above the specified range.

Our new ceiling-mount antenna was designed and optimized using the very best in genetic algorithm tools. This antenna is among the finest in signal-detection capabilities and represents a breakthrough advance in multi-octave antenna design.

Wideband performance and economical pricing to meet today's in-building communication needs

Features

- ◊ Low profile, aesthetically pleasing
- ◊ Passive, modified monocone antenna
- ◊ Wideband: 100 MHz to 40 GHz
- ◊ Optimized using state-of-the-art genetic algorithms and electromagnetic simulations
- ◊ Fits standard 2x2 drop-ceiling opening
- ◊ Coverage includes:
 - ◊ VHF/UHF
 - ◊ GSM900
 - ◊ WiFi
 - ◊ TETRA 380-430
 - ◊ GSM1800
 - ◊ 2.4 GHz WLAN
 - ◊ AMPS
 - ◊ PCS1900
 - ◊ 5.8 GHz WLAN
 - ◊ SMR
 - ◊ 3G UMTS
 - ◊ LTE
 - ◊ GSM850
 - ◊ Bluetooth
 - ◊ WiMAX
 - ◊ CDMA 800
 - ◊ ISM
- ◊ Easy installation and setup
- ◊ Excellent power handling



Specifications

Antenna type	
Frequency range	◊ TS-9325: 100 MHz–27 GHz
Impedance	50 Ω, nominal
VSWR	<2:1, average
Antenna gain (approximate)	+1 to +7 dBi above 230 MHz –12 to +1 dBi below 230 MHz
Polarization	Vertical
Pattern	Omnidirectional
Max continuous power	25 W
Connector	SMK 2.92 mm
Housing	ABS plastic enclosure
Dimensions	23.75 × 23.75 × 4.55 in (60 × 60 × 11.5 cm)
Weight	8 lb (3.6 kg)
Environmental	–31 to +167 °F (–35 to +85 °C)



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