

TS-9310 & TS-9320 OVERVIEW

Ultra-Wide Ceiling-Mount Antenna

Uncompromising Performance

Designed for RF monitoring and multiband signal reception, the TS-9310 and TS-9320 antennas are among the finest omnidirectional sensors in the world. These aesthetically pleasing indoor antennas can be used for transmitting up to 25 W or for general, multiband signal reception. They are ideally suited where a small, broad-coverage, unobtrusive antenna is needed.

Low Profile, High Performance

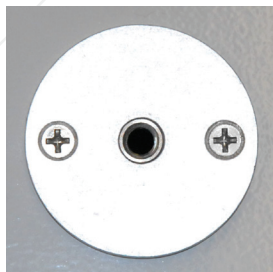
These antennas were designed for In-Place Monitoring Systems (IPMS) for in-building coverage where a low-profile design is required. They feature a ruggedized internal design with a high-impact, white ABS plastic radome. Mounting is simple and takes less than two minutes. The TS-9310 covers from 134 MHz to 27 GHz, and the TS-9320 covers from 134 MHz to 40 GHz; both units operate far below the specified range.

Our new ceiling-mount antennas were designed and optimized using the very best in genetic algorithm tools. These economical antennas are quickly becoming our most popular due to their versatility as an IPMS ceiling-mount antenna or as a ¼-20 tripod-mount general purpose receive antenna.

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



Tripod-mountable with ¼-20 PEM on top plate, shown below.



Features

- ◊ Low profile, aesthetically pleasing
- ◊ Passive, modified monocone antenna
- ◊ Wideband: 134 MHz to 27 or 40 GHz
- ◊ Optimized using state-of-the-art genetic algorithms and electromagnetic simulations
- ◊ Ceiling- and tripod-mountable
- ◊ Coverage includes:
 - ◊ VHF/UHF
 - ◊ TETRA 380-430
 - ◊ AMPS
 - ◊ SMR
 - ◊ GSM850
 - ◊ CDMA 800
 - ◊ GSM900
 - ◊ GSM1800
- ◊ PCS1900
- ◊ 3G UMTS
- ◊ Bluetooth
- ◊ ISM
- ◊ WiFi
- ◊ 2.4 GHz WLAN
- ◊ 5.8 GHz WLAN
- ◊ LTE
- ◊ WiMAX
- ◊ Easy installation and setup
- ◊ Excellent power handling



Specifications

Antenna type	
Frequency range	◊ TS-9310: 134 MHz–27 GHz ◊ TS-9320: 134 MHz–40 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	Precision SMA to 27 GHz K Connector to 40 GHz
Housing	ABS plastic radome
Mounting	¼-20 PEM on top plate
Dimensions	Base diameter: 8.75 in (22 cm) Height: 5.5 in (14 cm) Body width: 6.75 in (17 cm)
Weight	24 oz (0.68 kg)
Environmental	–31 to +167 °F –35 to +85 °C



CONTACT US TODAY

To schedule a demonstration, or for more information, including pricing and availability on this or any of our products, [call](tel:3014900112), [e-mail](mailto:Sales@PowerfulSecurity.com) or visit us [online](http://PowerfulSecurity.com).



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