

TS-9310 and TS-9320 OVERVIEW

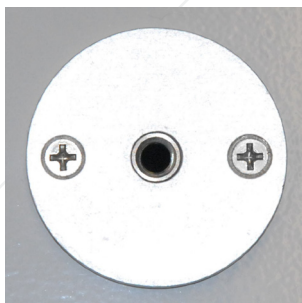
Ultrawide Ceiling Mount Antenna

Uncompromising Performance

Designed for RF monitoring and multi-band signal reception, the TS-9310 and TS-9320 antennas are among the finest omni-directional sensors in the world. These aesthetically pleasing indoor antennas can be used for transmitting up to 25 Watts or for general, multi-band signal reception. They are ideally suited where a small, broad coverage unobtrusive antenna is needed. They were designed for In-Place-Monitoring System (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 can be accomplished in less than 2 minutes. The TS-9310 covers from 134 MHz to 21 GHz while the TS-9320 covers from 134 MHz to 40 GHz and both units operate far below the specified range. Our new ceiling mounted line of antennas were designed and optimized using the very best in genetic algorithm tools. These economical antenna are quickly becoming our most popular due to thier versatility as an IPMS ceiling mount antenna or as a 1/4-20 tripod-mounted general purpose receive antenna.



Tripod Mountable
with 1/4-20 PEM



Features

- ▷ Low Profile, Aesthetically Pleasing
- ▷ Passive, Modified Monocone Antenna
- ▷ Wideband: 134 MHz to 21 or 40 GHz
- ▷ Optimized using State-of-the-Art Genetic Algorithms & Electromagnetic Simulation Tools
- ▷ Ceiling and Tripod Mountable
- ▷ 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, and WiMAX Coverage
- ▷ ABS Housing
- ▷ Easily Installation and Set Up
- ▷ Excellent Power Handling
- ▷ Superior Engineering

Antenna Type	Modified Monocone
Frequency Range	
TS-9310	134 MHz to 21 GHz
TS-9320	134 MHz to 40 GHz
Impedance	50 Ohms, nominal
VSWR	<2:1, average
Antenna Gain <small>(approximately)</small>	+1 to +7 dBi above 230 MHz -12 to +1 dBi below 230 MHz
MHz	Polarization/Pattern Vertical/Omni-directional
Max Continuous Power	25 Watts
Connector	Precision SMA to 21 GHz K Connector to 40 GHz
Housing	ABS Plastic Radome
Mounting	1/4-20 PEM on Top Plate
Dimensions	Base Diameter: 8.75" (22 cm) Height: 5.5" (14 cm) Body Width: 6.75" (17 cm)
Weight	24 oz (0.68 kg)
Environmental	-31°F to +167°F -35° C to +85°C

“Wideband performance and economical pricing to meet today’s in-building communication needs.”



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