



TS-9504 OVERVIEW



Dual-Band Flat-Panel Antenna

Maximal Coverage, Minimal Footprint

This vertically polarized flat-panel antenna provides exceptional performance with its unique design.

About 14 in square and only 0.66 in deep, this genetically engineered sensor fits where no other antenna can, thanks to its super-slim and unobtrusive form factor. Wideband and omnidirectional, this high-performance passive antenna was designed to be placed flat against a wall to minimize its footprint while maximizing transmission or detection.

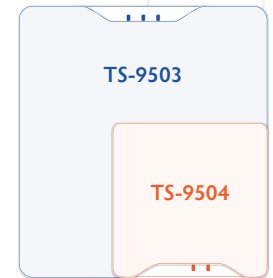
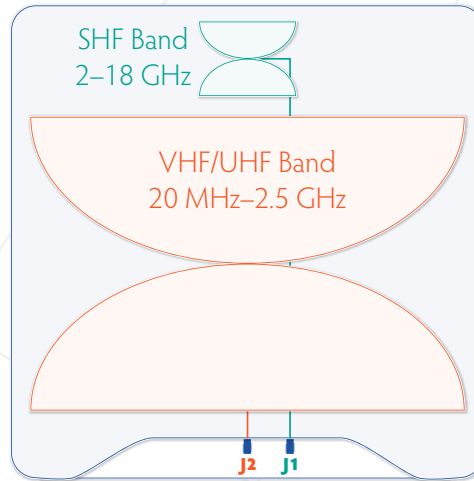
The RF connectors are accessible from the bottom of the housing, with provisions to hide the connectors for through-wall cable feeds. It also includes a 1/4"-20 tripod mount on the base. The two precision SMA outputs ensure maximum signal response across both bands and provide physical preselection between the elements.

The visually pleasing antenna is easy to install and provides coverage across an ultra-wide frequency range. It is perfect for In-Place Monitoring Systems (IPMS), covert antenna installations, SIGINT and wideband/multiband communications applications.

Cost-effective with huge bandwidth and exceptional performance for today's communication needs

Specifications

Frequency coverage	20 MHz–6, 15 or 18 GHz overall <ul style="list-style-type: none"> Low band: 20 MHz–2.5 GHz (J2) High band: 2–18 GHz (J1)
Antenna gain (passive)	VHF/UHF band: <ul style="list-style-type: none"> -48 dBi min @ 20 MHz -15 dBi min @ 100 MHz +3 dBi min @ 200 MHz–2.5 GHz SHF band: <ul style="list-style-type: none"> +3 dBi min @ 2.5–18 GHz -30 dBi min @ 1 GHz
Polarization	Vertical linear
Pattern	Omnidirectional in azimuth
RF output	2 SMA connectors
Panel size	14 × 14 × 0.66 in, approx.
Environmental	-40 to +85 °C



▲ Size comparison with the TS-9503 Multi-Band Flat-Panel Antenna. The TS-9504's extremely slim and compact design makes it perfect for any mission that requires a covert antenna.



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