



TS-9503 OVERVIEW

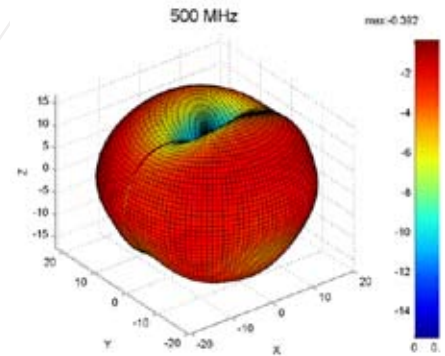


TS-9503 Multi-band Flat Panel Antenna

This antenna by Transformational Security is a vertically polarized flat panel antenna that provides exceptional performance and unique design.

Approximately 2' by 2' square and only 1" deep, this genetically engineered sensor fits where no other antenna can. This wideband, Omni-directional, high performance passive antenna was designed to be placed flat against a wall to minimize space yet maximize transmission or detection. The RF connectors are accessible from both the top rear center and the top center of the housing with provisions to hide the connectors for thru-wall cable feeds. 3 precision SMA outputs ensure maximum signal response across all bands and provide physical pre-selection between the elements.

The visually pleasing antenna (rearview shown in picture to the lower right) is easy to install and provides exception coverage across an ultra-wide frequency range.



Frequency Coverage: 20 MHz to 18 GHz Total

- Low Band 20 MHz to 400 MHz
- Mid Band 400 Mhz to 2.5 GHz
- Hi Band 2.5 GHz to 18 GHz

Antenna Gain (Passive)

VHF/UHF Band

- 48 dBil min. @ 20 MHz
- 15 dBil min. @ 100 MHz
- 3 dBil min. @ 200 MHz to 2.5 GHz

SHF Band

- 3 dBil min. @ 2.5 to 18 GHz
- 30 dBil min. @ 1 GHz

Antenna Polarization

Vertical – Linear

Antenna Pattern

Omni-directional in Azimuth

RF Output

SMA Connectors, 3 total

Panel Size:

24.6" H x 22.5 W x 1.2" D Max

Environmental

-40 to +85 C



“Genetically engineered with the latest’s in CAD technology. Easily concealable for unobtrusive mounting applications.”



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