

PA14 - DATASHEET

ANTENNA

MODEL PA14 - DUAL-BAND, MULTIFUNCTIONAL RECONFIGURABLE ANTENNA (MRA)

Self-configuring, Self-healing, and Self-optimizing next generation smart antenna



PRODUCT OVERVIEW

> Electrical

- Antenna Type: Reconfigurable
- Frequency Range: 2.4 GHz / 5 GHz
- Gain: 11 dBi
- Polarization: Vertical & Horizontal
- Impedance: 50 Ω
- VSWR: 1.7 : 1
- Beamwidth Azimuth (-3dB): $\pm 60^\circ$ (optional 20°)
- Beamwidth Elevation (-3dB): $\pm 20^\circ$ (optional 60°)
- Number of configurations: Three (3)
- Beam scanning plane: Azimuth (optional Elevation)
- Beam scanning angles: $-30^\circ / 0^\circ / +30^\circ$
- Power consumption: < 1 W

>Warranty

- 1 year hardware warranty included

>Physical and Environmental

- Dimensions: 100mm x 80mm x 20mm
- Connector Type: SMA - type
- Mounting: Directly to unit (no cable required)
- Temperature: $-40^\circ\text{F} - 131^\circ\text{F}$ ($-40^\circ\text{C} - 55^\circ\text{C}$)

> Signal Coverage Pattern

