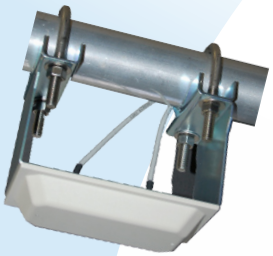
Laird TECHNOLOGIES

Innovative **Technology** for a **Connected** World

S24493D
Omni-directional Panel Antenna



DUAL BAND 802.11 a/b/g/n SPATIAL DIVERSITY ANTENNA

Laird Technologies' S24493D antenna offers the system integrator a spatial diversity antenna system that will accommodate all applications and modes in both the 2.4-2.5 GHz and 5.15-5.875 GHz bands. This one diminutive aesthetically neutral package covers every single-band and multi-band multi-mode application that you might be confronted with in the field.

The design also provides flexibility for future changes in deployed system modes. In place of spatial diversity, each port can be used individually to support 802.11b/g and 802.11a systems simultaneously for dual-band non-diversity deployments.

The radiation patterns are uniform and symmetrical, providing high levels of signal density into defined coverage zones. This is critical for high data rate, high-capacity configurations. Mounting options allow either flush surface ceiling mount with supplied ceiling clips (S24493DS) or mast mount (S24493DM) with pole mounting hardware.

FEATURES ✓RoHS

- 802.11 a/b/g/n and wide band frequency coverage
- Variety of cable lengths and connectors available
- Fast and easy installation with either ceiling clips / mast mount
- Neutral color and diminutive profile disappears into the environment

MARKETS

- Hospital
- Campus
- Research Institute
- Public safety wireless systems
- Transport Terminals

PARAMETER	SPECIFICATION
Antenna Part Number	S24493DS / S24493DM
Frequency Range (GHz)	2.4 - 2.5 & 4.90 - 5.99 GHz
Gain (dBi) w/36" cable	(3) @ 2.5 / (4) @ 5.5 GHz
3 dB Beamwidth - Elevation	60° @ 2.5 / 58° @ 5.5 GHz
3 dB Beamwidth - Azimuth	Omnidirectional
Polarization	Linear Vertical
VSWR	2.0:1
Pigtail (in)	36
RF connector	Reverse TNC / type N (m)
Power Rating (watts)	2
Dimensions in. (mm)	6.16x3.66x.89 (156x93x22)
Weight (kg)	.23 kg
Operational Temperature (C°)	0° to +55°
Mount style	Ceiling tile / mast

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