

SPECIFICATIONS		
Antenna Model	S2451DBT	
Operating Frequency (MHz)	2400-2500	5150-5850
Peak Gain (dBi)	2.0	
VSWR	2:1	
Polarization	Linear, 6 Vertical	
Vertical Plane 3 dB Beamwidth	75°	42°
Horizontal Plane 3 dB Beamwidth	Omnidirectional	
Enclosure	ASA	
Weight – kg (lb.)	0.7 (1.5)	
Max Power - Ambient 25°C (W)	5	
Mounting	Ceiling suspended tile	
Dimensions – mm (in.)	219 x 44 (8.62 x 1.73)	
Material Substance Compliance	RoHS	



SAFETY

Please read all instructions carefully before attempting to install and use this product.

This antenna and all associated equipment should be installed in accordance with all applicable local and national electrical code guidelines to ensure safe operation.

APPLICATION

The S2451DBT is an indoor ceiling grid mounted omnidirectional array especially designed for use with MIMO access point systems. Six independent vertically polarized radiators provide null-free omnidirectional coverage for meeting rooms, offices, departmental areas, or other enclosed spaces.

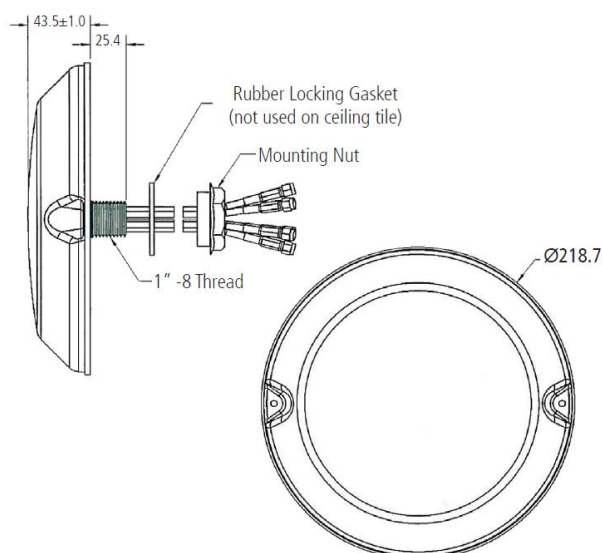
LOCATION

For best results, mount the S2451DBT at ceiling level near the center of the coverage area. A line-of-sight path between the antenna and active floor locations work best. Avoid mounting next to a column or vertical support that could create a shadow zone and reduce coverage to one portion of the room.

INSTALLATION

A threaded post on the back side of the antenna and supplied mounting nut are the primary mounting configuration when access is available to both sides of the mounting surface (such as suspended ceiling tile). Mark desired mounting location on tile and cut a 40 mm (1.57 in.) hole. Feed cables through the hole and secure the antenna with the mounting nut. The included rubber locking gasket should only be used with the mounting nut when mounting to a hard surface.

If access is limited to the back side of the mounting surface, there are two mounting holes that can be used with #8 screws and expanding anchors (not supplied).



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sales@lairdconnect.com
support@lairdconnect.com
www.lairdconnect.com

