Laird TECHNOLOGIES®

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

5 GHz Sphere Antenna
IO5250

5 GHz OMNIDIRECTIONAL IN-BUILDING ANTENNA

The widespread use of cellular phones and wireless network applications inside buildings has increased the need for antenna systems that can provide considerable gain over traditional dipole antennas.

Laird Technologies' in-building wireless antennas are particularly applicable in environments where aesthetics and wide angle coverage are necessary for successful wireless deployment. Their surprisingly small size allow the antennas to be hidden almost anywhere, providing an invisible solution for most applications.

SPECIFICATIONS	
Element type	Air-loaded patch
Frequency range	5.15-5.35 GHz
Peak gain	5 dBi
Polarization[1]	Linear
Impedance	50 ohms
Maximum input power	50 watts
VSWR (min. performance)	2.0:1
Dimensions (L x W x H)	10.2 x 10.4 x 4.19 cm
Housing	ABS
Operating/storage temperature	-40° to +70°C

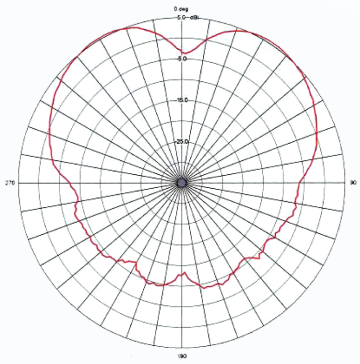
[1]Polarization axis is parallel to the cable axis

MODEL #	REFERENCE #	PLENUM RATED COAX	CONNECTOR
IO5250-RT36	CAF94349	36" RG-142	RP-TNC

MOUNTING OPTIONS

- Includes metal twist-lock bracket for mounting to a ceiling tile grid

ANTENNA PATTERNS



Elevation Plane
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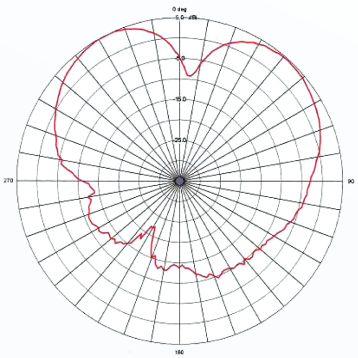

Elevation Plane
phi = 90

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ANT-DS-IO5250 0909

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