



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 |

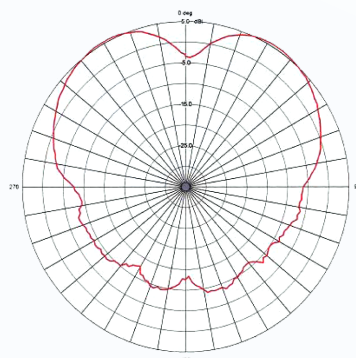
¹Polarization axis is parallel to the cable axis

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

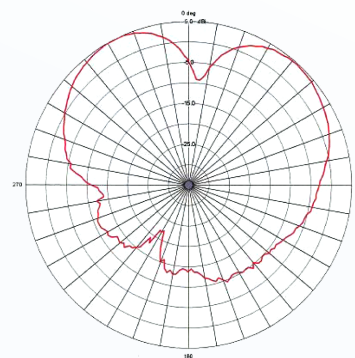
MOUNTING OPTIONS

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

ANTENNA PATTERNS



Elevation Plane
phi = 0



Elevation Plane
phi = 90

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