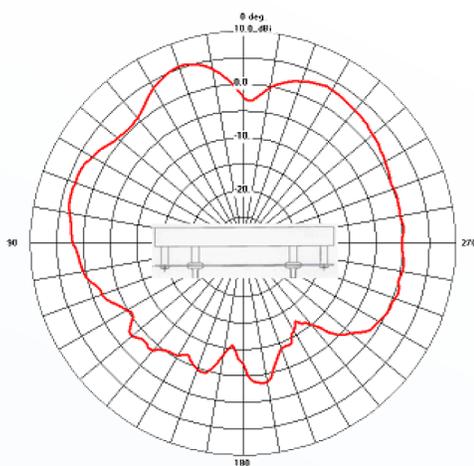




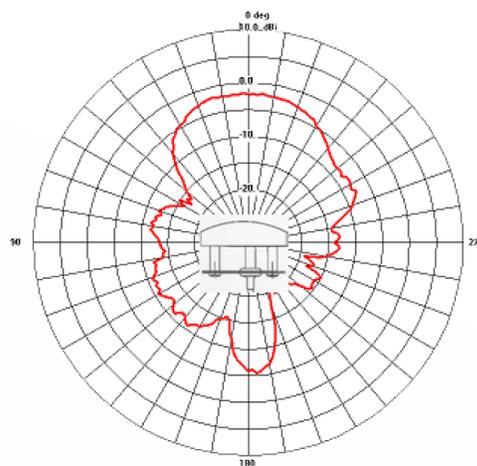
5 GHz DIRECTIONAL IN-BUILDING TERRACE DIVERSITY ANTENNA

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.



Azimuth Plane
5.57 GHz



Elevation Plane
5.57 GHz

global solutions: local support™

Americas: +1.847.839.6907
IAS-AmericasEastSales@lairdtech.com

Europe: +1.32.80.7866.12
IAS-EUSales@lairdtech.com

Asia: +1.65.6.243.8022
IAS-AsiaSales@lairdtech.com

www.lairdtech.com

MODEL #	REFERENCE #	PLENUM RATED COAX	CONNECTOR
IDD5250-RS36	CAF94585	36" White RG-316	RP-SMA x 2
IDD5250-RSRA36	CAF94649	36" White RG-316	RP-SMA R.A. x 2

SPECIFICATIONS	
Element Type	Microstrip
Frequency Range	4.9 – 6 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)	12.2 x 4.3 x 2.7 cm
Housing	ABS
Operating/Storage Temperature	-40° to +70°C



MOUNTING OPTIONS

- Wall-mount bracket and screws, Dual-Lock®, and L-bracket included
- Indoor Optional Brackets: 2" Indoor Pan/Tilt Mount (IMI-02C) and 5" Indoor Pan/Tilt Mount (IMI-05C)

ANT-DS-IDD5250 0609

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