

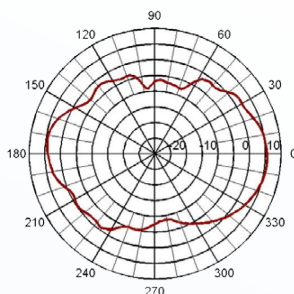
## 2.4 GHz Terrace Diversity Antenna



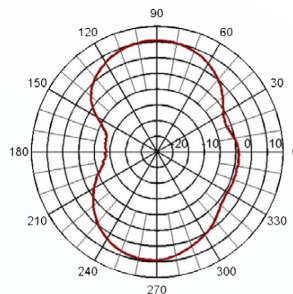
### 2.4 GHz DIRECTIONAL IN-BUILDING TERRACE DIVERSITY ANTENNA

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.

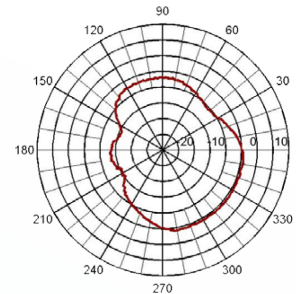
Laird Technologies' in-building wireless antennas are particularly applicable in environments where aesthetics and wide angle coverage are necessary for successful wireless deployment. Their surprisingly small size allow the antennas to be hidden almost anywhere, providing an invisible solution for most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



Azimuth Plane



Elevation Plane  
 $\phi=0$



Elevation Plane  
 $\phi=90$

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](http://www.lairdtech.com)

# IDD2450

## 2.4 GHz Terrace Diversity Antenna

### INDOOR

MODEL #	REFERENCE #	PLENUM RATED COAX	CABLE EXIT	CONNECTOR
IDD2450-RT36	CAF95988	36" RG-142	Back	RP-TNC x 2
IDD2450-NF12	CAF94177	12" RG-142	Back	N-Female x 2
IDD2450-NF36	CAF94489	36" RG-142	Back	N-Female x 2
IDD2450-RT07E	CAF94139	7" RG-142	Edge/side	RP-TNC x 2
IDD2450-RT36E	CAF94430	36" RG-142	Edge/side	RP-TNC x 2

### MARINE-RATED

MODEL #	REFERENCE #	PLENUM RATED COAX	CABLE EXIT	CONNECTOR
IDN2450-RT07	CAF94117	7" RG-142	Back	RP-TNC x 2
IDN2450-RT07E	CAF94159	7" RG-142	Edge/side	RP-TNC x 2

### SPECIFICATIONS

Element Type	Air-Loaded Patch
Frequency Range	2.4 – 2.5 GHz
Peak Gain	5 dBi
Polarization <sup>1</sup>	Linear
Impedance	50 ohms
Maximum Input Power	50 watts
VSWR (Min. Performance)	2.0:1
Dimensions (L x W x H)	18.3 x 6.9 x 2.5 cm
Housing	ABS and Luran
Operating/Storage Temperature	-40° to +70°C

### MOUNTING OPTIONS

- Wall-mounted with included screws and bracket

ANT-DS-IDD2450 0609

Any information furnished by Laird Technologies, Inc. and its agents is believed to be accurate and reliable. Responsibility for the use and application of Laird Technologies materials rests with the end user, since Laird Technologies and its agents cannot be aware of all potential uses. Laird Technologies makes no warranties as to the fitness, merchantability or suitability of any Laird Technologies materials or products for any specific or general uses. Laird Technologies shall not be liable for incidental or consequential damages of any kind. All Laird Technologies products are sold pursuant to the Laird Technologies' Terms and Conditions of sale in effect from time to time, a copy of which will be furnished upon request. © Copyright 2009 Laird Technologies, Inc. All Rights Reserved. Laird, Laird Technologies, the Laird Technologies Logo, and other marks are trade marks or registered trade marks of Laird Technologies, Inc. or an affiliate company thereof. Other product or service names may be the property of third parties. Nothing herein provides a license under any Laird Technologies or any third party intellectual property rights.