

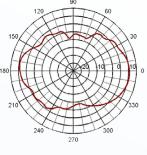
IDD2450 2.4 GHz Terrace Diversity Antenna

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

2.4 GHz DIRECTIONAL IN-BUILDING TERRACE DIVERSITY ANTENNA

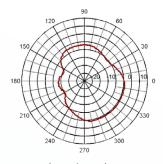
The widespread use of cellular phones and wireless network applications inside buildings has increased the need for antenna systems that can provide considerable gain over traditional dipole antennas.

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

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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 ¹	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

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