Laird TECHNOLOGIES®

R2T58-24





global solutions :
local support™

RooTenna® 2 Panel Antenna

4940 to 5850 MHz Operation

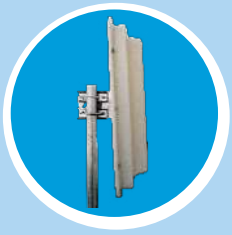
The RooTenna® panel antenna offered by Laird Technologies is designed to allow integration of the customers' radio equipment inside the weatherproof compartment. The radio compartment is big enough to house transceivers, amplifiers, and other electronic equipment.The unit is complete with a removable customer mounting plate for mounting of customer electronics and an RJ45 passthru ethernet feedthru.. The housing is UV stabilized ABS plastic. The backplate is alodine coated aluminum with stainless steel fasteners. All bracket fasteners are stainless steel for corrosion protection.

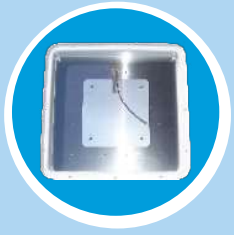
Features and Benefits:

- RooTenna®, the antenna with a pouch!
- Low profile 24dBi antenna gain
- 16.25" x 14.75" x 1.25" weatherproof radio compartment
- Low heat absorption white UV protected housing
- Vertical or horizontal polarization, Beamwidth 9deg
- Available with RPSMA, RPTNC, MC Card, MMCX, RPMMCX and U.FL antenna connector

Applications

- Integrated radio/antenna units
- WISP CPE equipment
- Amplified antennas
- 802.11a applications





For sales information:
Telephone 800-323-3757
E-Mail sales@pacwireless.com

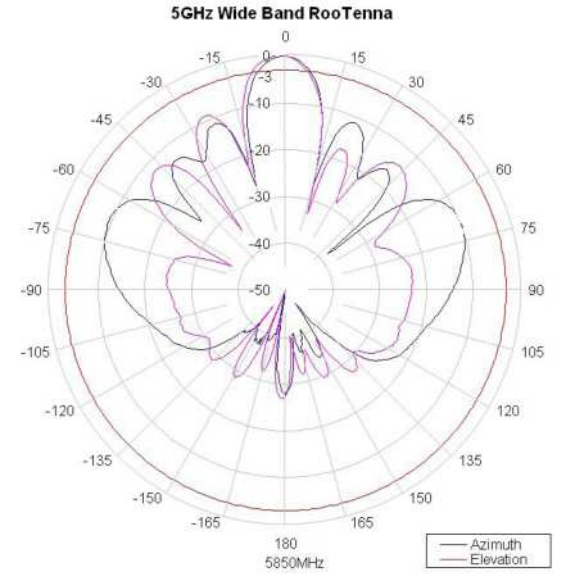
or visit: www.pacwireless.com

R2T58-24

Specifications

Parameter	Min	Typ	Max	Units
Frequency Range	4940		5850	MHz
VSWR (4940-4990MHz <2.0)		1.5:1		
Impedance		50		OHM
Input Power			20	W
Operating Temperature	-45		+70	Deg C
Gain		24		dBi
3db Beam Angle (E-Plane)		9		Deg
3dB Beam Angle (H-Plane)		9		Deg
Front to Back	30			dB
Weight		6 (2.7)		Lb (kg)
Compartment Dim(L x W x H)	16.25" x 14.75" x 1" (413 x 375 x 25)			In (mm)
Outside Dim (L x W x H)	18.5" x 16.8" x 2.5" (470 x 427 x 64)			In (mm)

Antenna Pattern at 5850 MHz



Wind Loading

	100MPH	125MPH	100MPH with ½" Radial Ice
Force (Lbs)	77.8	121	83

System Ordering:

R2T58-24-XXXX 4900-5850MHz 24dBi high gain RooTenna® compartment antenna

XXXX= connector type
Please specify RSMA, RTNC, MMCX, RMMCX, MC or UFL when ordering









Notes:

- All shipments F.O.B. Schaumburg, IL 60173
- All antennas carry a 2 Year Warranty

RoHS compliant

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