



Smart Technology. Delivered.

Directional Flat Panel Antenna PAV865014



865 MHz 14 dBi FLAT PANEL ANTENNA

The PAV865014 flat panel directional antenna by Laird offers high-gain in a thin, low-profile package. The antenna is constructed of an off white color UV resistant ASA plastic radome with an aluminum backplate. The heavy duty mount bracket allows up or down tilt adjustment and the stainless steel hardware assures a long service life. The antenna can be surface mounted or pole mounted. The PAV865014 comes with an integral N connector standard.

FEATURES

- High gain / low profile
- Pole mount or surface mount
- Rugged IP67 rated weatherproof construction
- Vertical or horizontal polarization

MARKETS

- 866 MHz RFID antenna
- RFID applications
- OEM wireless data
- Transport terminals

PARAMETER	SPECIFICATION
Part Number	PAV865014
Frequency	865-870 MHz
Gain (typical)	13.8 dBi
3 dB Beamwidth-Azimuth	38°
3 dB Beamwidth-Elevation	41°
Front-to-Back Ratio	15 dB
Input Impedance	50 Ohms
Polarization	Linear Vertical
VSWR Max	1.4:1
RF Connector	Fixed Type N (male or female)
Radome	ASA UV Stable
Lightning Protection	DC Ground
Power Rating Max	6 W
Dimensions	18.3 x 18.3 x 1.4 in (46.5 x 46.5 x 3.6 cm)
Weight	2.7 kg
Operational Temperature	-40°C to +70°C
Mount Style	Surface- threaded stud x 4 / Pole- worm gear clamp
RoHS	Compliant

ORDERING GUIDE

PART NO.	SPECIFICATIONS
PAV865014-FNF	13.8 dBi 865-870 MHz directional panel - Type N female connector

Americas: +1.847.839.6907
 IAS-AmericasEastSales@lairdtech.com
 Europe: +44.1628.858941
 IAS-EUSales@lairdtech.com
 Asia: +86.21.5855.0827.127
 IAS-AsiaSales@lairdtech.com
 www.lairdtech.com

ANT-DS-PAV865014 0515

Any information furnished by Laird Inc. and its agents is believed to be accurate and reliable. All specifications are subject to change without notice. Responsibility for the use and application of Laird materials rests with the end user, since Laird and its agents cannot be aware of all potential uses. Laird makes no warranties as to the fitness, merchantability or suitability of any Laird materials or products for any specific or general uses. Laird shall not be liable for incidental or consequential damages of any kind. All Laird products are sold pursuant to the Laird Terms and Conditions of sale in effect from time to time, a copy of which will be furnished upon request. © Copyright 2015 Laird Inc. All Rights Reserved. Laird, Laird Technologies, the Laird Logo, and other marks are trademarks or registered trademarks of Laird 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 or any third party intellectual property rights.