

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

S34018PT 3400-3600 MHz 18dBi Wide Band Panel Antenna





global solutions: local support m

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

3400-3600 MHZ 18 dBi PANEL ANTENNA

Laird Technologies' S34018PT antenna is a high gain vertical linear panel antenna exhibiting 18 dBi of gain. Wall mount hardware is included with the each antenna and the standard configuration includes a 39" integrated coax pigtail and an N female connector. Common applications include point-to-point links and customer premises antennas in point-to-multipoint applications.

The antenna's rugged UV stabile outdoor low profile enclosure makes it a perfect choice for Broadband Wireless access subscribers. Although the antenna is aesthetically neutral an will blend into any environment, it can also be painted using non-carbon based paint.

FEATURES

- Low profile housing
- IP66 Rating
- Heavy Duty Tilt Mount
- Performance optimized using Laird Technologies' proprietary RF optimization tools
- Various connector and coax lengths options available

SPECIFICATIONS

PARAMETER	SPECIFICATIONS
.,	
Part Number	S34018PT
Frequency	3400 - 3600 MHz
Gain	18 dBi
Nominal Impedance	50 Ohm
3 dBi Beamwidth-Vertical	19°
3 dBi Beamwidth-Horizontal	20°
Polarization	Linear, Vertical/Horizontal
VSWR	2.0:1
Cable Length in. (cm)	100
RF Connector	N-male
Power Rating	1 W (average) /10 W (peak)
Radome	Plastic Polycarbonate
Dimensions (mm)	10.2"x 10.2"x 1.3"
	(259.1 x 259.1 x 33.5)
Weight	907.2 g
Wind Surface Area	@ 0°, 0.067 m² / @ 90°, 0.009 m²
Wind Survival	200 km/h
Operational Temperature	-40°C to +75°C
Mount Style	Tilt for Mast
Water / Dust Seal Rating	IP-66
RoHS	Compliant

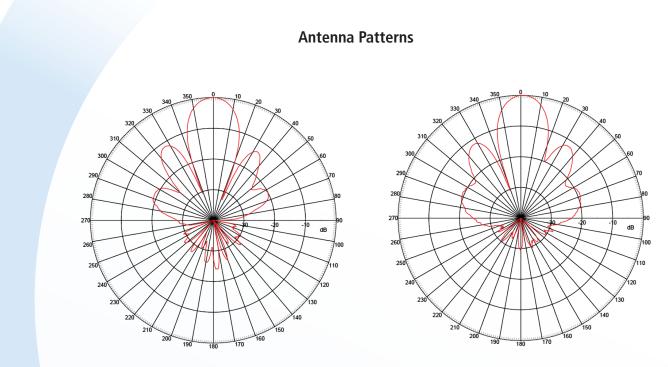
MARKETS

- WiMax networks
- WISP networks
- WLAN networks
- Designed specifically to support 802.11,b/g networks
- Campus
- Public safety wireless systems



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

S34018PT 3400-3600 MHz 18dBi Wide Band Panel Antenna



E-Plane 3.5 GHz

H-Plane 3.5 GHz

SYSTEM ORDERING INFORMATION

S34018PT39NM	3400-3600 MHz 18 dBi wide band panel antenna
S34018PT12NM	3400-3600 MHz 18 dBi wide band panel antenna with N Male connector
S34018PT12NF	3400-3600 MHz 18 dBi wide band panel antenna with SMA Male connector

ANT-DS-S34018PT 1110

Any information furnished by Laird Technologies, 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 Technologies materials rests with the end user, since Laird Technologies and its agents cannot be aware of all potential uses. Laird Technologies materials rests with the end user, since Laird Technologies and its agents cannot be aware of all potential uses. Laird Technologies materials rests with the end user, since Laird Technologies agents or products for any specific or general uses. Laird Technologies the Technologies and its agents and conditions of sale in effect from time to time, a copy of which will be furnished upon request. © Copyright 2010 Laird Technologies, Inc. all Rights Reserved, Laird, Laird Technologies, the Laird Technologies, and other marks are trade marks or registreed trade marks or tail and technologies, Inc. and affinitate or upsection of possibility of the sale of the insteade upon request. © Copyright 2010 Laird Technologies, Inc. all Rights Reserved, Laird, Laird Technologies, the Laird Technologies the trade marks or registreed trade marks or tail and Technologies, Inc. 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.