



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 stable outdoor low profile enclosure makes it a perfect choice for Broadband Wireless access subscribers. Although the antenna is aesthetically neutral and 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

MARKETS

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

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 m ² / @ 90°, 0.009 m ²
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

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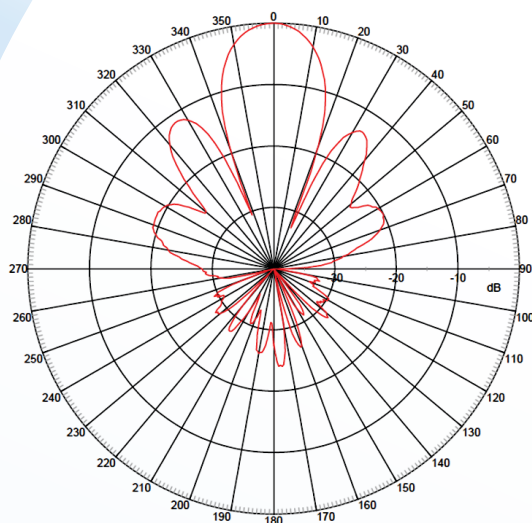
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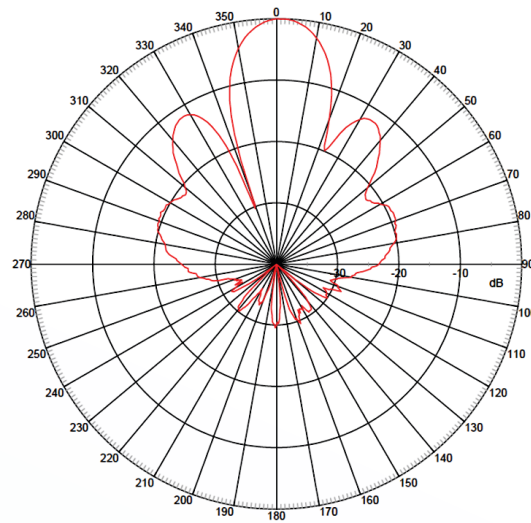
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Antenna Patterns



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