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

S241590PF
90° Sector Antenna

HIGH GAIN SECTOR ANTENNA

Laird Technologies' S241590PF antenna offers a high gain, no-compromise solution for mission critical wireless networking. All weather and UV resistant, its all climate enclosure can be mast mounted with a supplied, rugged tilt mount for precise aiming.

The antenna features E-plane and H-plane beamwidths conducive to point-to-multipoint bridge applications. Its sector form factor provides appropriate gain for coverage area saturation.

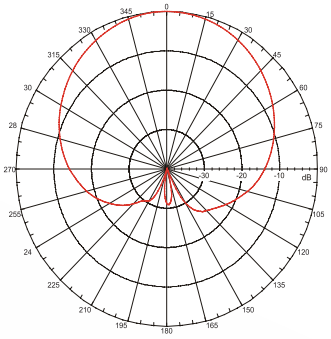
FEATURES

- Precise 90° sector pattern
- Null-fill in elevation eliminates "dead spots" in coverage area

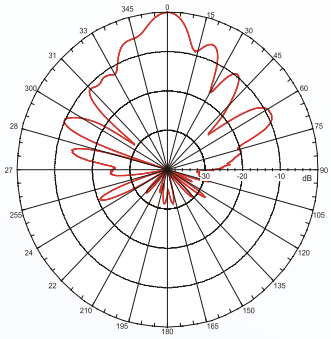
MARKETS

- WiMAX

PARAMETER	SPECIFICATION
Frequency Range	2400 - 2500 MHz
Gain	15 dBi (nominal)
E-Plane beamwidth	8.5°
H-Plane beamwidth	90°
VSWR	1.5:1
Polarization	Linear Vertical
Front to back ratio	25 dB
Weight	7.5 lbs (3.4 kg) antenna only
Mounting Style	Ceiling Mount
Dimensions	91.2 x 16.3 x 10.2 cm
Cable	LMR-195 coaxial
Enclosure	UV Stable/ASA
Power	10 watts
Wind Rating	100 mph (161 kph)



H-PLANE



E- PLANE

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