HORIZONTALLY POLARIZED SECTOR ANTENNA
SAH24-120-12

2400-2500 MHZ, 12 DBI HORIZONTALLY POLARIZED SECTOR ANTENNAS

The Laird Technologies SAH24-120-12 2.5 GHz horizontally polarized 120 degree sector antenna operates in the 2.4 to 2.5 GHz frequency band. Especially useful in spectrally crowded areas, the antenna provides a cost-effective solution for WLL, MMDS and point-to-multipoint applications. Optimized for low cross-polarization and low sidelobes, the SAH24-120-12, is ETSI SS compliant.

FEATURES
- High discrimination of vertically polarized signals
- 120 degree of horizontal beamwidth
- Horizontal polarization 12 dBi of gain
- Antenna offers durable construction
- Super rugged and lightweight

MARKETS
- 2.4 GHz ISM band applications
- 802.11b and 802.11g wireless systems
- WiFi base station antennas
- Wireless broadband systems
- Wireless internet

PARAMETER | SPECIFICATIONS
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Frequency Range | 2400 - 2500 MHz
Gain | 13 dBi
Maximum VSWR | 1.5:1, Typical
3 dB Beamwidth - Azimuth | 120°
3 dB Beamwidth - Elevation | 15°
Polarization | Linear, Horizontal
Lightning Protection | DC — Grounded
Maximum Input Power | 100W
Input Impedance | 50 ohm
Front-to-Back Ratio | 25 dB
Cross-Polarization | 30 dB
Mechanical Size | 557mm x 376mm x 95.2mm
Weight | 3.4 kg (No Bracket)
Connector Type | N, Female
Radome | Polycarbonate, White
Mounting Style | Mast Mount
Mounting Hardware | Tilt Mount Kit, 1.5” to 4.5” Diameter
Temperature Range (Operational) | -30°C to +70°C
Temperature Range (Storage) | -40°C to +85°C

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