

# 2.4 GHz Horizontal Polarization Sector Panel Antenna

## SAH-2400-120-002



### 2400-2483 MHZ 15 DBI HORIZONTALLY POLARIZED SECTOR ANTENNA

The sector antenna systems offered by Laird Technologies are constructed from rigid aluminum extrusion. They feature 50 ohm passive feeds that come standard with type N female connectors.

#### FEATURES

- High gain
- Horizontally polarized
- 90/120° beam-width in E-Plan
- 20° down-tilt mounting bracket
- Integral N-female connector

#### APPLICATIONS

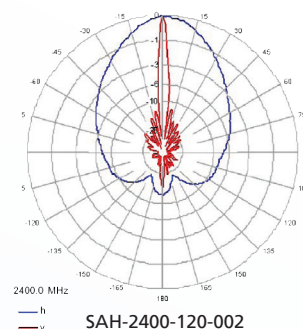
- 2.4 GHz ISM Band
- IEEE 802.11b,g Wireless LAN
- Public Wireless Hotspot
- Wireless Internet Provider "Cell" Sites

#### MARKETS

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

PARAMETER	SAH-2400-120-002
Frequency Range	2400 - 2483 MHz
Bandwidth	83 MHz
Gain	15 dBi
Vertical Beamwidth	8°
Horizontal Beamwidth	120°
F/B Ratio	≥15 dB
VSWR	≤1.5
Impedance	50 Ω
Polarization	Horizontal
Maximum Power	100 W
Connector	N Female
Dimension	1220 mm × 170 mm × 60 mm
Weight	6 kg
Mounting Mast Diameter	φ 50 to 75 mm

#### ANTENNA PATTERNS



#### SYSTEM ORDERING

SAH-2400-120-002 15 dBi 2.4 GHz horizontally polarized sector antenna

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