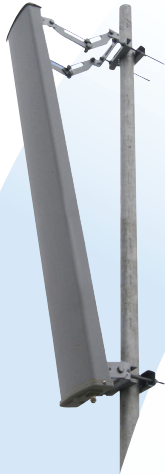


2.4 GHz Horizontal Polarization Sector Panel Antenna

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

MARKETS

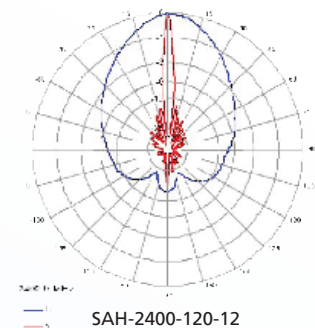
- 2.4 GHz ISM band applications
- 802.11b and 802.11g wireless systems
- WLAN base station antennas
- Wireless broadband systems
- Wireless internet

APPLICATIONS

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

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

global solutions: local support™

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

SAH-2400-120-002 1010

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 makes no warranties as to the fitness, merchantability or suitability of any Laird Technologies materials or products for any specific or general uses. Laird Technologies shall not be liable for incidental or consequential damages of any kind. All Laird Technologies products are sold pursuant to the Laird Technologies' Terms 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 Logo, and other marks are trade marks or registered trade marks of Laird Technologies, Inc. or 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.