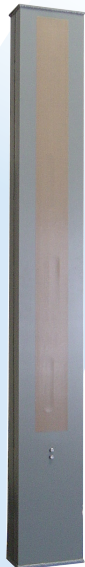


Horizontally Polarized Sector Antenna

SAH9-120-12



900-928 MHZ HORIZONTALLY POLARIZED SECTOR ANTENNA

The NLOS series horizontally polarized sector antenna systems offered by Laird Technologies are constructed of a heavy duty aluminum extrusion and then powder coat painted for extremely long service life. The super heavy duty mounting system will insure a stable installation in high wind conditions. The antennas are horizontally polarized so that interference can be minimized in the wireless system.

FEATURES

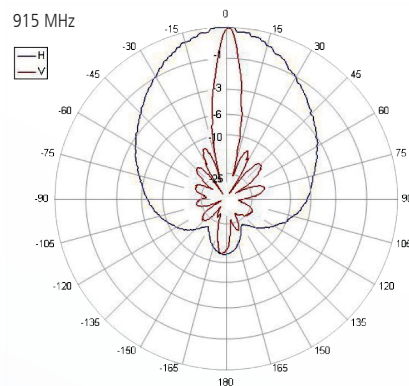
- 900MHz horizontally polarized sector directional antenna
- 12dBi gain , 120deg beamwidth
- Heavy duty aluminum extrusion with powder coat paint
- Type N female integrated connector standard

MARKETS

- 900 MHz ISM band applications
- WISP base station equipment
- Non line-of-sight applications
- Point-to-multipoint systems

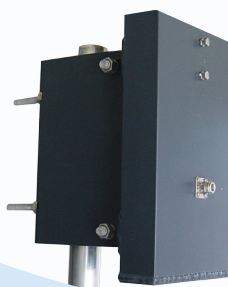
PARAMETER	
Frequency range	900 - 928 MHz
VSWR	1.5:1
Impedance	50 ohm
Input power	100W
Pole diameter (OD)	1.5" - 3" (38-76mm)
Gain	12 dBi
Horizontal beamwidth	120°
Vertical beamwidth	15°
Front-to back	-14 dB
Operating temperature	-45 - +70°C
Weight	22 lbs (10 kg)
Dimensions (L x W x H)	62" x 8" x 2" (1575 x 203 x 51mm)

ANTENNA PATTERNS



SYSTEM ORDERING

SAH9-120-12 12dBi 120deg 900MHz horizontally polarized sector antenna



SAH9-120-12
Bracket system

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

ANT-DS-SAH9-120-12 1110

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 2009 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.