



Uni-Directional Antenna

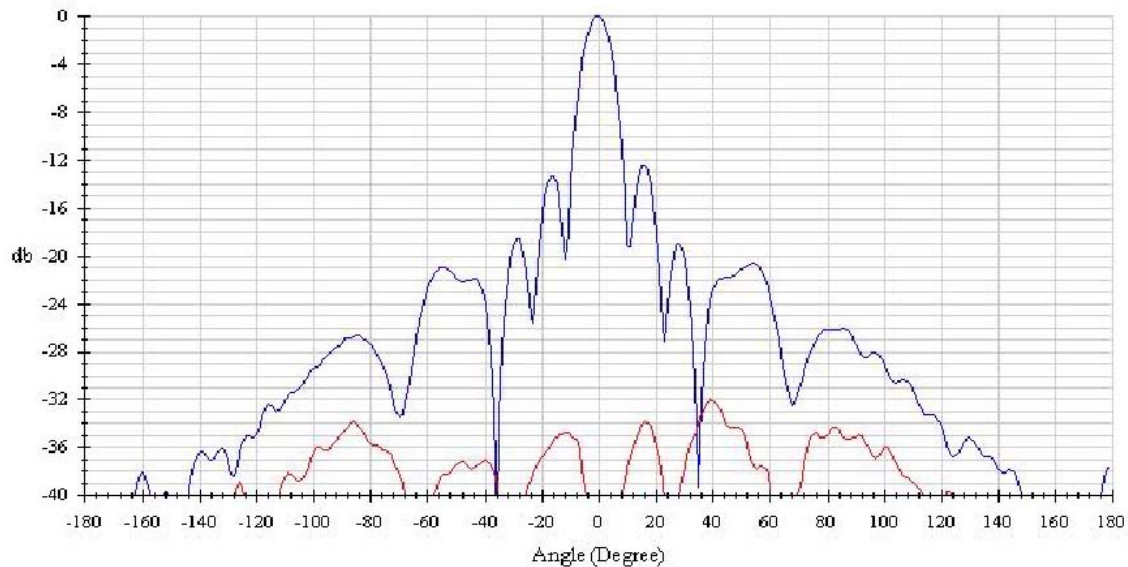
UNI-23-9

P/N 858110

Technical Specifications

Electrical	
Type	Planar Array
Regulatory Compliance	ETSI EN 302 085 V1.1.2 (2001-2002)
Purpose	For use with BreezeACCESS LB Unit
Frequency Range	5.725 – 5.85 GHz
VSWR	1.5:1 (typical)
Gain	23 dBi
3 dB Beamwidth	9°
Input Impedance	50 ohms
Front to Back Ratio	-40 dB
Polarization	Linear (Vertical or Horizontal)
Cross Polarization	-28 dBm (max)
Lightning protection	DC grounded
Cable Termination	13.5 in. LMR-240 M/M N-type Connector
Mechanical	
Dimensions	(LxWxD) 12 in x 12 in x 1.0 in 305 mm x 305 mm x 25 mm
Weight	3.3 lb / 1.5 kg
Connector	N-type female
Operating Temperature	-45° C to +70° C / -49° F to +158° F
Wind Load (Survival)	137 mph / 220 km/hr
Radial Ice Load	1.0 in / 25 mm
Mounting	Vertical Mast Mount Bracket
Mechanical Tilt	Elevation +22.5° / -22.5°

Azimuth and Elevation Pattern



International Corporate Headquarters

Alvarion Ltd.

HaBarzel 21a, Tel Aviv 69710, Israel

Tel: +972 3 645 6262 Fax: +972 3 645 6222

Email: corporate-sales@alvarion.com

North America Headquarters

Alvarion Inc.

5858 Edison Place, Carlsbad, CA 92008

Tel: (760) 517 3100 Fax: (760) 517 3200

Email: n.america-sales@alvarion.com

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