



Uni-Directional Antenna

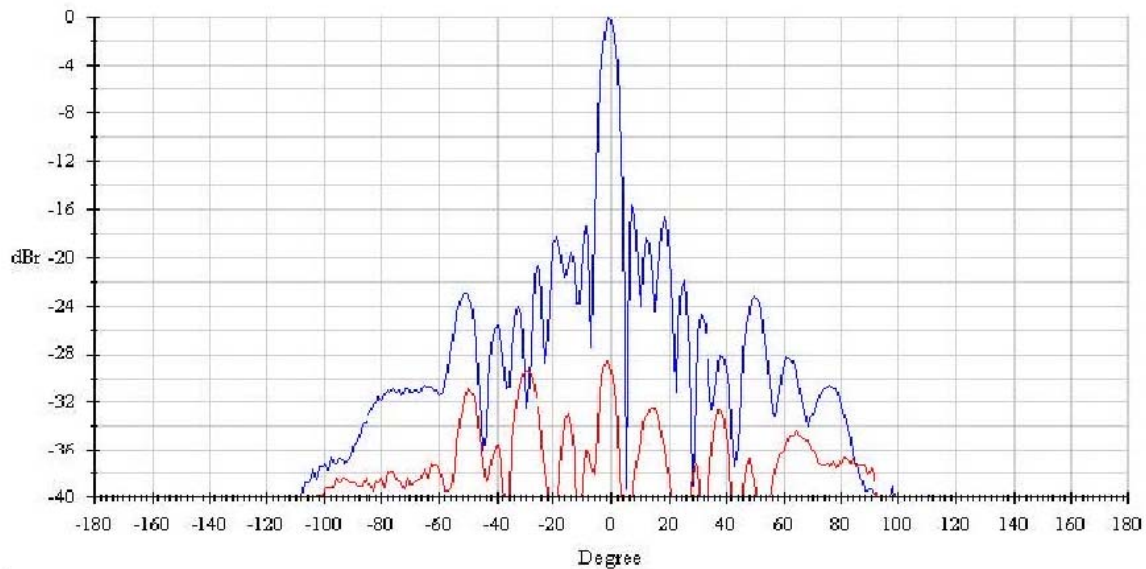
UNI-28-4

P/N 858109

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	5.25 – 5.85 GHz
VSWR	1.5:1 (typical)
Gain	28 dBi
3 dB Beamwidth	4.5°
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) 24 in x 24 in x 2.2 in 600 mm x 600 mm x 55 mm
Weight	11 lb / 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



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