



# Uni-Directional Antenna

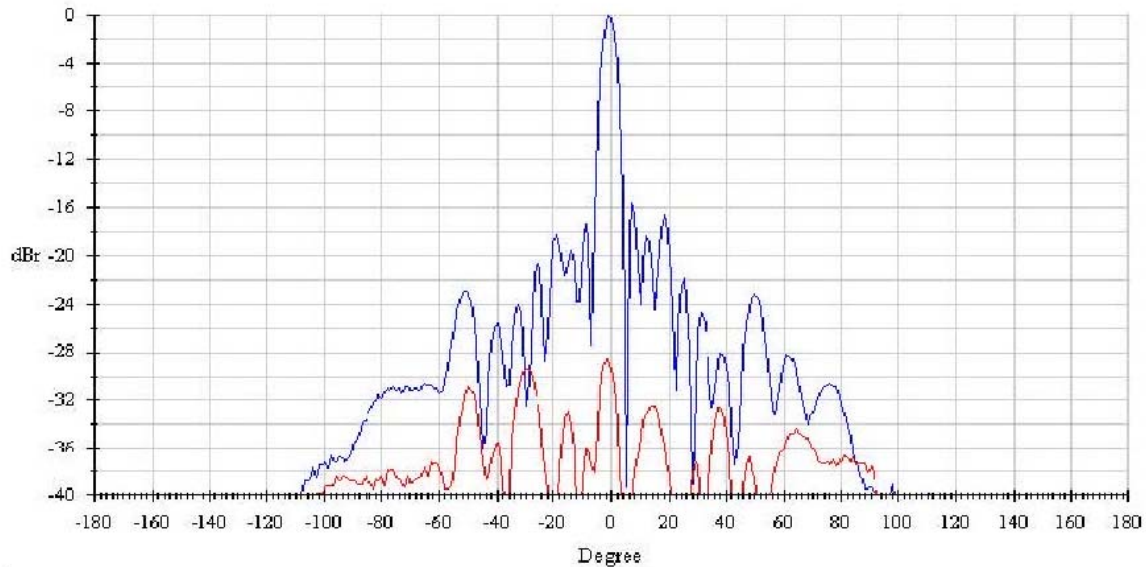
**UNI-28-4**

**P/N 858109**

## Technical Specifications

<b>Electrical</b>	
<b>Type</b>	Planar Array
<b>Regulatory Compliance</b>	ETSI EN 302 085 V1.1.2 (2001-2002)
<b>Purpose</b>	For use with BreezeACCESS LB Unit
<b>Frequency Range</b>	5.25 – 5.85 GHz
<b>VSWR</b>	1.5:1 (typical)
<b>Gain</b>	28 dBi
<b>3 dB Beamwidth</b>	4.5°
<b>Input Impedance</b>	50 ohms
<b>Front to Back Ratio</b>	-40 dB
<b>Polarization</b>	Linear (Vertical or Horizontal)
<b>Cross Polarization</b>	-28 dBm (max)
<b>Lightning protection</b>	DC grounded
<b>Cable Termination</b>	13.5 in. LMR-240 M/M N-type Connector
<b>Mechanical</b>	
<b>Dimensions</b>	(LxWxD) 24 in x 24 in x 2.2 in 600 mm x 600 mm x 55 mm
<b>Weight</b>	11 lb / 5 kg
<b>Connector</b>	N-type female
<b>Operating Temperature</b>	-45° C to +70° C / -49° F to +158° F
<b>Wind Load (Survival)</b>	137 mph / 220 km/hr
<b>Radial Ice Load</b>	1.0 in / 25 mm
<b>Mounting</b>	Vertical Mast Mount Bracket
<b>Mechanical Tilt</b>	Elevation +22.5° / -22.5°

# Azimuth and Elevation Pattern



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