



# ANT-2014

## 2.2 - 2.5 GHz 12 dBi 120° Cross/Vertical Polarized Sector Antenna

### Specifications



<b>Frequency</b>	2200 - 2500 MHz
<b>Gain</b>	12 dBi
<b>Horizontal Beam Width (-3 dB)</b>	120°
<b>Vertical Beam Width (-3 dB)</b>	14°
<b>Polarization</b>	+/-45° Vertical
<b>Impedance</b>	50 Ohm
<b>Front to Back Ratio</b>	18 dB
<b>Max. Input Power</b>	10W
<b>VSWR</b>	< 1.7
<b>Isolation</b>	< -23 dB
<b>Lightning Protection</b>	DC Ground
<b>Connectors</b>	(3) N-Female
<b>Dimensions</b>	20.7 x 20.3 x 4.0 in. 52.6 x 51.5 x 10 cm
<b>Mounting Mast Size (Dia.)</b>	1.2 - 2.0 in. 3 - 5 cm
<b>Operating Temperature</b>	-40°C to +60°C -40°F to +140°F
<b>Max. Wind Velocity</b>	130 mph 210 km/h
<b>RoHS Compliant</b>	Yes

### Wind Loading Data

Wind Speed (MPH)	Loading – Front	Loading – Side
100	149 lbs.	29 lbs.
125	233 lbs.	49 lbs.

**ONE SOLUTION. INFINITE POSSIBILITIES.**

© 2016 Persistent Systems, LLC. All rights reserved. The Wave Relay® logo, the Persistent Systems, LLC logo and other designated trademarks and trade names are the property of Persistent Systems, LLC or their respective owners. Product specifications are subject to change without notice. This material is provided for informational purposes only; Persistent Systems, LLC assumes no liability related to its use and expressly disclaims any implied warranties of merchantability or fitness for any particular purpose.

ISO 9001:  
2008

MADE IN USA

