



320 Northpoint Parkway SE  
 Suite B & C  
 Acworth, GA 30102 USA  
 Tel: 770-529-6800  
 Fax: 770-529-6840

April 2007

**OMNI DIRECTIONAL ANTENNA**

**Wireless broadband antenna  
 for base station applications**

**4900 - 5000 MHZ**

	<b>OM4908V</b>	<b>OM4912V</b>
<b>Electrical Data</b>		
Gain (dBi)	8	12
Beamwidth (degrees)	7.8	7.2
VSWR (typical)	1.5 or less	1.5 or less
Windload (km/h)	210 km/h	210 km/h
Maximum Power (watts)	100	100
Polarization	Vertical	Vertical
Input Impedance	50 Ohms	50 Ohms
PIM (dBm)	<-107	<-107

**Physical Data**

Construction	UV Res Fiberglass	UV Res Fiberglass
Connector Interface	Female N	Female N
Structure	One Element	One Element
Lightning Protection	Direct Ground	Direct Ground
Length	28.7"/730mm	35.4"/900mm
Weight	1.21#/0.55kg	1.54#/0.7kg
Fits Mast Size	1.57" - 1.97" 40-50mm	1.57" - 1.97" 40-50mm