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**OMNI DIRECTIONAL ANTENNA**

**Wireless broadband antenna  
 for base station applications**

**824 - 896 MHz**

	<b>OM8006V</b>	<b>OM80011V</b>	<b>OM80011H</b>
<b>Electrical Data</b>			
Gain (dBi)	6	11	12
Beamwidth (degrees)	27.5	8.6	7.2
VSWR (typical)	1.5 or less	1.5 or less	1.5 or less
Windload (km/h)	210 km/h	210 km/h	210 km/h
Maximum Power (watts)	250	250	250
Polarization	Vertical	Vertical	Horizontal
Input Impedance	50 Ohms	50 Ohms	50 Ohms
PIM (dBm)	<-107	<-107	<-107
<b>Physical Data</b>			
Construction	UV Res Fiberglass	UV Res Fiberglass	Aluminum
Connector Interface	Female N	Female N	Female N
Structure	One Element	One Element	One Element
Lightning Protection	Direct Ground	Direct Ground	Direct Ground
Length	31.5"/800mm	118"/3000mm	67"/1700mm
Weight	1.43#/0.65kg	7.9#/3.6kg	26.4#/12kg
Fits Mast Size	1"-1.5"	2"-3.5"	2"-3.5"
	33-36mm	50-90mm	50-90mm