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OMNI DIRECTIONAL ANTENNA
Wireless broadband antenna
for base station applications

824 - 896 MHz

	OM80010V	OM80012V	OM80010H	OM80012H
Electrical Data				
Gain (dBi)	10	12	10	12
Beamwidth (degrees)	360H11V	360H 7.2V	360H 11V	360H 7.2V
VSWR (typical)	1.5 or less	1.5 or less	1.5 or less	1.5 or less
Windload (km/h)	200 km/h	200 km/h	200 km/h	200 km/h
Maximum Power (watts)	200	200	200	200
Polarization	Vertical	Vertical	Horizontal	Horizontal
Input Impedance	50 Ohms	50 Ohms	50 Ohms	50 Ohms
PIM (dBm)	<-107	<-107	<-107	<-107
Physical Data				
Construction	Aluminum	Aluminum	Aluminum	Aluminum
Connector Interface	Female N	Female N	Female N	Female N
Structure	One Panel	One Panel	One Panel	One Panel
Lightning Protection	Direct Ground	Direct Ground	Direct Ground	Direct Ground
Length	106.2"/2700mm	129.9"/3300mm	53.1"/1350mm	63.3"/1610mm
Width			7.9"/200mm	7.9"/200mm
Depth			3.5"/90mm	3.5"/90mm
Weight	7.7#/2.8kg	7.7#/3.5kg	12.1#/4kg	12.1#/5.5kg
Fits Mast Size	1.57"-3.94" 40-100mm	1.57"-3.94" 40-100mm	1.57"-3.94" 40-100mm	1.57"-3.94" 40-100mm