

PANEL - SECTOR ANTENNA 900 - 930 MHz

	NLOS	None Line of Site Applications
Features of the 900 MHz Sector Antenna	BASE STATION	WISP Applications
True to Specification Performance for Excellent RF Operation		
Air Dielectric Construction		
Copper Clad PCB for Radiation Elements		
Broadband Dipole Array on Aluminum Extrusion Reflector		
Irridite Treated Aluminum for Reflector		
Powder Coat Finish over Heavy Duty Aluminum		
UV Stabilized Resistant PVC Plastic Radome for Long Life		
DC Ground for Lightning Protection		
Lifetime Warranty Female N Connector		
Heat Shrink on Recessed Connector for Moisture Control		
Heavy Duty Stainless Steel Scissor Tilt Mounting System		
Mechanical Downtilt up to 15 Degrees Adjustable		
-45 to +70 Degrees Centigrade Operating Temperatures		
	SPECIFICATIONS	
	Part Number	PA9009016H
	Frequency Range	900 - 930 MHz
	Gain	16 dBi
	Beamwidth	90H 7V
	Front to Back Ratio	>15
	VSWR	1.5 or less typical
	Rated Wind Velocity	200km/h 130m/h
	Maximum Power	250 Watts
	Polarization	Horizontal
	Input Impedance	50 Ohms
	Construction	Air Dielectric
	Radiation Element	Aluminum Alloy
	Radome Material	UV Resistant PVC
	Mounting Hardware	Steel Tilt Brackets
	Connector Interface	Female N
	Structure	One Panel
	Lightning Protection	Direct Ground
Length	120"/3050mm	
Width	7.87"/200mm	
Depth	3.35"/85mm	
Weight	42.7#/19.4kg	
Mast Sizes Compatible	1.57"-3.54"/40-90mm	
Mounting Brackets	Polyester Powder Coat	
Mounting Hardware	Stainless Steel Nuts & Bolts	
Shipped Direct from Manufacturer	Photo may not be	exact model
One Year Warranty, Repair or Replacement, Provided by Manufacturer		www.1wirelessway.com

