

PANEL - SECTOR ANTENNA 2500 - 2686 MHz

		NLOS	None Line of Site Applications
Features of the 2500 MHz Sector Antenna		BASE STATION	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	PA2512011H
		Frequency Range	2500 - 2686 MHz
		Gain	11 dBi
		Beamwidth	120 H 25V
		Front to Back Ratio	>=25
		VSWR	1.5 or less typical
		Rated Wind Velocity	210km/h 130m/h
		Maximum Power	100 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	35.04"/890mm
		Width	6.3"/160mm
Depth	3.1"/80mm		
Weight	9.03#/4.1kg		
Max Sizes Compatible	1.5"-3.5"/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

