

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	PA259012H
	Frequency Range	2500 - 2686 MHz
	Gain	12 dBi
	Beamwidth	90H 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	
Mast Sizes Compatible	1.57"-2.76"/40-70mm	
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

