



Specification www.acantenna.com

5.8GHz 19dBi 120° Sector Antenna With N Connector

Part No:AC-D4958V19-120

1. Introduction

Networks Directional and multipoint applications superior Performance Good appearance designs

Outdoor antenna for public Hot spots Installed for vertical or horizontal polarization Heavy Duty

mounting.

The Weight is light high gain and good sector pattern, petals small, vertical direction Angle is easy to control, reliable sealing performance and long service life.

High Gain H or V Polarization, Full day for working Durable, corrosion resistance Optimized dimension.





Wireless Solutions

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2. Specification

Frequency Range 4900-5850 MHz F/B Ratio ≥25 dB Gain 19 dBi V.S.W.R ≤1.8 Radiation Direction Horizontal Beam width 120° Vertical Beam width 4° Polarization Vertical or Horizontal Lightning Protection DC Grounded Maximum Input Power 100W Impedance 50Ω Connector N Female Antenna Radome Material PVC Mounting way Pole Mount Diameter of Installation Pole Ø30~Ø50mm Mechanical Dimensions Dimensions 700x130x60mm Weight 3KG Operating Temperature -40°C to+70°C Rated Wind Velocity 60m/s RoHS Compliant YES	Electrical	
Gain 19 dBi V.S.W.R ≤1.8 Radiation Direction Horizontal Beam width 120° Vertical Beam width 4° Polarization Vertical or Horizontal Lightning Protection DC Grounded Maximum Input Power 100W Impedance 50Ω Connector N Female Antenna Radome Material PVC Mounting way Pole Mount Diameter of Installation Pole Ø30~Ø50mm Mechanical Dimensions Weight 3KG Operating Temperature -40°C to+70°C Rated Wind Velocity 60m/s	Frequency Range	4900-5850 MHz
V.S.W.R ≤1.8 Radiation Direction Horizontal Beam width 120° Vertical Beam width 4° Polarization Vertical or Horizontal Lightning Protection DC Grounded Maximum Input Power 100W Impedance 50Ω Connector N Female Antenna Radome Material PVC Mounting way Pole Mount Diameter of Installation Pole Ø30~Ø50mm Mechanical Dimensions 700x130x60mm Weight 3KG Operating Temperature -40°C to+70°C Rated Wind Velocity 60m/s	F/B Ratio	≥25 dB
Radiation Direction Horizontal Beam width 120° Vertical Beam width 4° Polarization Vertical or Horizontal Lightning Protection DC Grounded Maximum Input Power 100W Impedance 50Ω Connector N Female Antenna Radome Material PVC Mounting way Pole Mount Diameter of Installation Pole Ø30~Ø50mm Mechanical Dimensions 700x130x60mm Weight 3KG Operating Temperature -40°C to+70°C Rated Wind Velocity 60m/s	Gain	19 dBi
Horizontal Beam width 120° Vertical Beam width 4° Polarization Vertical or Horizontal Lightning Protection DC Grounded Maximum Input Power 100W Impedance 50Ω Connector N Female Antenna Radome Material PVC Mounting way Pole Mount Diameter of Installation Pole Ø30~Ø50mm Mechanical Veight Dimensions 700x130x60mm Weight 3KG Operating Temperature -40°C to+70°C Rated Wind Velocity 60m/s	V.S.W.R	≤1.8
Vertical Beam width 4° Polarization Vertical or Horizontal Lightning Protection DC Grounded Maximum Input Power 100W Impedance 50Ω Connector N Female Antenna Radome Material PVC Mounting way Pole Mount Diameter of Installation Pole Ø30~Ø50mm Mechanical Dimensions 700x130x60mm Weight 3KG Operating Temperature -40°C to+70°C Rated Wind Velocity 60m/s	Radiation	Direction
Polarization Vertical or Horizontal Lightning Protection DC Grounded Maximum Input Power 100W Impedance 50Ω Connector N Female Antenna Radome Material PVC Mounting way Pole Mount Diameter of Installation Pole Ø30~Ø50mm Mechanical Dimensions 700x130x60mm Weight 3KG Operating Temperature -40°C to+70°C Rated Wind Velocity 60m/s	Horizontal Beam width	120°
Lightning Protection DC Grounded Maximum Input Power 100W Impedance 50Ω Connector N Female Antenna Radome Material PVC Mounting way Pole Mount Diameter of Installation Pole Ø30~Ø50mm Mechanical Dimensions 700x130x60mm Weight 3KG Operating Temperature -40°C to+70°C Rated Wind Velocity 60m/s	Vertical Beam width	4°
Maximum Input Power 100W Impedance 50Ω Connector N Female Antenna Radome Material PVC Mounting way Pole Mount Diameter of Installation Pole Ø30~Ø50mm Mechanical Dimensions 700x130x60mm Weight 3KG Operating Temperature -40℃ to+70℃ Rated Wind Velocity 60m/s	Polarization	Vertical or Horizontal
Impedance 50Ω Connector N Female Antenna Radome Material PVC Mounting way Pole Mount Diameter of Installation Pole Ø30~Ø50mm Mechanical Dimensions 700x130x60mm Weight 3KG Operating Temperature -40°C to+70°C Rated Wind Velocity 60m/s	Lightning Protection	DC Grounded
ConnectorN FemaleAntenna Radome MaterialPVCMounting wayPole MountDiameter of Installation PoleØ30~Ø50mmMechanicalDimensions700x130x60mmWeight3KGOperating Temperature-40 °C to+70 °CRated Wind Velocity60m/s	Maximum Input Power	100W
Antenna Radome Material Mounting way Pole Mount Diameter of Installation Pole Ø30~Ø50mm Mechanical Dimensions 700x130x60mm Weight 3KG Operating Temperature -40°C to+70°C Rated Wind Velocity PVC Pole Mount Ø30~Ø50mm Ø30~Ø50mm 60m/s	Impedance	50Ώ
Mounting wayPole MountDiameter of Installation PoleØ30~Ø50mmMechanicalDimensions700x130x60mmWeight3KGOperating Temperature-40°C to+70°CRated Wind Velocity60m/s	Connector	N Female
Diameter of Installation Pole Mechanical Dimensions 700x130x60mm Weight 3KG Operating Temperature -40℃ to+70℃ Rated Wind Velocity 60m/s	Antenna Radome Material	PVC
MechanicalDimensions700x130x60mmWeight3KGOperating Temperature-40 °C to+70 °CRated Wind Velocity60m/s	Mounting way	Pole Mount
Dimensions700x130x60mmWeight3KGOperating Temperature-40 °C to+70 °CRated Wind Velocity60m/s	Diameter of Installation Pole	Ø30~Ø50mm
Weight3KGOperating Temperature-40 °C to+70 °CRated Wind Velocity60m/s	Mechanical	
Operating Temperature -40°C to+70°C Rated Wind Velocity 60m/s	Dimensions	700x130x60mm
Rated Wind Velocity 60m/s	Weight	3KG
	Operating Temperature	-40°C to+70°C
RoHS Compliant YFS	Rated Wind Velocity	60m/s
TEO	RoHS Compliant	YES