

WAPB9016DR

5150-5850 MHz 15.5dBi Dual Polarization Sector Antenna, 90 HBW

Electrical Specifications

Frequency Range (MHz)	5150-5850
Horizontal Half-power Beamwidth (°)	90±10
Vertical Half-power Beamwidth (°)	7±2
Gain (dBi)	15.5±1
Polarization	Ver.+Hor.
VSWR	≤2.0
Front to Back Ratio (dB)	≥25
Isolation (dB)	≥25
Cross-polar Discrimination (dB)	≥15
Average Power, Maximum (W)	50
Impedance (Ω)	50
Lightning Protection	DC Ground



Mechanical Specifications

Dimensions (mm)	400×128×56
Packing Dimension (mm)	500×230×160
Net Weight (kg)	1.4 (installation kit included)
Radome Material	UV Resistant UPVC
Radome Color	Grey
Connector	N Female (2×)

Environmental Specifications

Application	Outdoor
Operating Temperature (°C)	-40 to +70 (-40 to 158°F)
Humidity (%)	5 to 95
Survival Wind Velocity (km/h)	200

Mounting Specifications

MOUNTING BRACKETS ARE INCLUDED UNLESS OTHERWISE SPECIFIED

Mounting Mast Diameter (mm)	Φ 35 to 75
Mechanical Tilt Range (°)	0 ~ 15