

# Sector Directional Antenna

**Part No.: WLANT-5158-1418**

**5.1~5.8GHz 14~18dBi N Female Sector Directional Antenna**



## Applications

- Directional and multipoint applications
- Public Wireless Hotspot
- Wireless LAN Systems



## Electrical Characteristics



Description	Specification
Frequency	5.125MHz~5875MHz
VSWR	$\leq 1.5$
Return Loss	$\geq -15\text{dB}$
Antenna Type	Collinear
Gain	14-18dBi
Polarization	Vertical
Maximum Power	50 Watts
Vertical Beam-With	Adjust 11~15 Degree
Horizontal Beam-With	Adjust 45~120 Degree
Impedance	50 $\Omega$
Connector	N Female

## Mechanical Characteristics

Description	Specification
Length X Width	520mm
Diameter	200 x 80mm
Weight	2100g
Wind Survival	>150 MPH
Radome Material	UV-Polymer
Operating Temperature	-40°C ~+80°C
Down-tilt	"L" Style 0~30 Degree



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