

WPANT30058-RA

5.8 GHz Directional Antenna



Description / Application

This is a high gain Directional antenna that operates in the 5.8 GHz Wi-Fi / WLAN band. It comes with a Type-N female connector. The antenna is at DC ground to ensure protection against lightning.

We can assist your engineers to optimize mounting positions for these antennas in your specific application and can further customize the antennas for your specific needs. Please contact sales@worldproducts.com with your specific application requirements.

Electrical Properties

Operating Frequency	5.725 – 5.850 GHz
Approximate Antenna Impedance [Ω]	50 Ω
VSWR – Typical	< 2:1
Peak Gain [dBi] (Typical)	17 dBi
Polarization	Vertical or Horizontal
Pattern	Directional (> 25 dB front-to-back ratio)
Accepted Power [W] (Max)	20 Watts
Lightning Protection	DC ground

Mechanical / Environmental Properties

Antenna Dimensions	10.63" (Dia) X 3.5" (270mm X 90mm)
Antenna Color	White
Connector	Type-N Female
Antenna Radome	ABS
Operating / Storage Temperature	-40°C to +90°C
Environmental	Meets standards for UL 94V-0
Hazardous Materials	RoHS Compliant

Pictures of the Antenna

