



LevelOne 18dBi 5GHz Directional Dual-Polarization Outdoor Panel Antenna

Brand : LevelOne

Product code: WAN-9180



Product name : 18dBi 5GHz Directional Dual-Polarization Outdoor Panel Antenna

5.15~5.875GHz, 18dBi, 50ohm, 10W, 216km/hr, 2.2 VSWR, IP67

LevelOne 18dBi 5GHz Directional Dual-Polarization Outdoor Panel Antenna:

The LevelOne WAN-9180 18dBi Directional Dual-Polarization antenna is designed for outdoor wireless connections. With array pattern located at +45° and -45° polarization, you can improve signal strength in a crowded area with possible signal interference. It improves signal strength and coverage in 5GHz band, towards a concentrated enhanced direction.



This panel antenna is easy to mount and install on flat areas such as wall or window. Designed for outdoor elevated installation with high sustainability in strong wind. With IP-67 rating, it is completely protected against dust and humidity ingress.

- Operates in 5GHz band, according to IEEE 802.11a/n specifications
- Antenna diversity at 18dBi high gain performance
- Dual-Polarization to avoid interference
- Easy to install on the wall surface
- Wideband frequency performance enables future growth and increases flexibility

Performance		Features	
Frequency band *	5.15 - 5.875 GHz	Product colour	Grey
Networking standards	IEEE 802.11a, IEEE 802.11n	Operational conditions	
Impedance	50 Ω	Operating temperature (T-T)	-40 - 80 °C
Horizontal beam width	15°	Operating relative humidity (H-H)	0 - 95%
Vertical beam width	15°	Weight & dimensions	
Antenna gain level (max) *	18 dBi	Width	256 mm
Features		Depth	227 mm
Antenna type *	Directional antenna	Height	19 mm
Antenna connector type *	N-type	Weight	435 g
Connector gender	Female	Package width	343 mm
Polarization	Dual polarization	Package depth	235 mm
Voltage Standing Wave Ratio (VSWR)	2.2	Package height	47 mm
Waterproof	✓	Package weight	188 g
Survival wind speed	216 km/h	Packaging content	
Power handling	10 W	Quantity per pack	1 pc(s)
Mounting	Wall	Mounting kit	✓
Purpose	Indoor & outdoor	Quick installation guide	✓
Country of origin	Taiwan	Logistics data	
Housing material	Acrylonitrile butadiene styrene (ABS), Aluminium	Harmonized System (HS) code	85177100



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