

BLADE ANTENNA

Omnidirectional Coverage Antenna

MODEL NUMBERS: A21-V44-600

This antenna with modern design is suitable for 4G LTE routers, terminals, and other telematic applications. The antenna is omnidirectional with high efficiency and covers worldwide networks. Two variations of mounting swivels allow different orientation of antennas on devices with MIMO systems.

Features and benefits include:

- 617-960 MHz
- 1427-2690 MHz
- 3300-5000 MHz
- 5150-5925 MHz
- Connector Mount
- N-type Male connector
- Ultra Wide Band Antenna
- High Performance
- Ground Plane Independent
- Hinged Connector
- Dimensions 171 × 38 × 13.8 mm



A21-V44-600

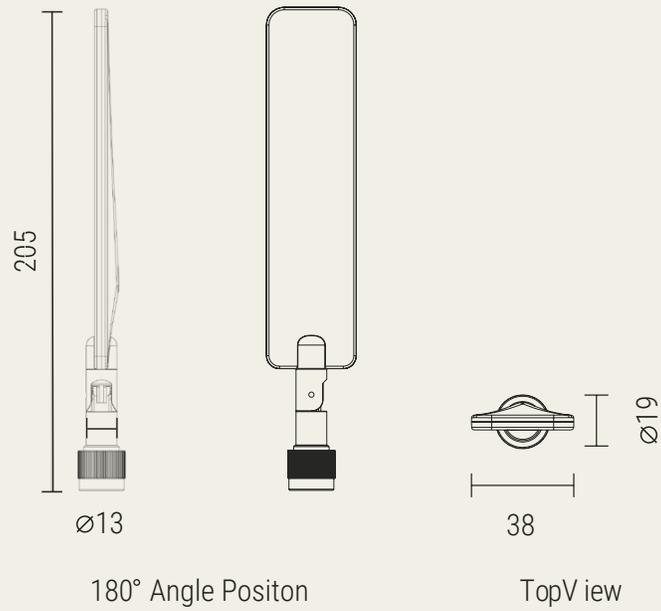
Specifications

Parameters	5G NR Antenna			
Technologies	5G, 4G, 3G, and 2G			
Standards	5G NR/4GLTE/FirstNet/CBRS/LPWA/CAT-X/CAT-Mx/CAT-NBx/NB-IoT/3G/2G			
Frequency (MHz)	617–960	1427–2690	3300–5000	5150–5925
Band (MHz)	600, 700, 850, 900	1500, 1600, 1700, 1800, 1900, 2000, 2100, 2300, 2500, 2600	3300, 3500, 3600, 3700, 4500	5200, 5500, 5800
5G NR Bands	n5, n8, 12, n20, n28, n71	n1, n2, n3, n7, n25, n34	n77, n78, n79	
4GLTE Bands	n81, n82, n83	n38, n39, n40, n41, n50	B22, B42, B43, B48	B46, B47, B252, B255
3GCELL Bands	B5, B6, B8, B12, B13, B14	n51, n66, n70, n74, n75	B49, B52	
2GCELL Bands	B17, B18, B19, B20, B26	n76, n80, n84, n86	B22	
CDMA CELL Bands	B27, B28, B29, B44, B67	B1, B2, B3, B4, B7, B9		
Return Loss (dB Typ.)	~8.3	~8.5	~4.7	~7.3
VSWR	~2.8:1	~2.5:1	~5.1:1	~3.9:1
Efficiency (% Typ.)	~51.9	~68.4	~40.0	~38.3
Peak Gain (dBi Typ.)	~0.0	~1.7	~1.1	~1.6
Avg Gain (dB Typ.)	~3.0	~1.7	~4.3	~4.4
Impedance (Ω Nom.)	50			
Polarization	Linear			
Radiation Pattern	Omni			
Input Power (W Max.)	25 W			
Connector	N-type Male			

Mechanical

Mounting Typel	Connector Mount
Dimensions	205 × 38 × 19 mm
Radome	PC/ABS UV Stable
Radome Color	White
Connector Feature	Hinged
Operating Temperature	-40°C to +85°C
Storage Temperature	-40°C to +85°C
Substance Compliance	RoHS, REACH

Mechanical Dimensions



Product specifications are subject to change without prior notification.