














UHF RFID Antenna Catalog


| Model# | Picture | Introduction | Parameter |
|--|---|---|--|
| VA-924V PCB ultra-thin antenna 2Dbi |  | <p>Good option for books or files management. PCB Board structure, DC grounding protection, Vertical polarization, easy to install</p> <p>Note: Antenna must install on nonmetal</p> | <p>Connector: SMA or customized</p> <p>Gain: 2dbi</p> <p>Frequency: 806-960MHz or customized</p> <p>Bandwidth: 63MHZ</p> <p>V lobewidth: 62°</p> <p>H lobewidth: 360</p> <p>SWR: ≤1.5</p> <p>Polarization: Vertical</p> <p>Input impedance: 50 Ω</p> <p>Dimension: 120*112*1.5mm</p> <p>Weight: 110G</p> |
| VA-95 PCB antenna 4.5Dbi |  | <p>This is Bidirectional Antenna circular antenna, good option for books, files management. PCB board structure, ground protection, vertical polarization, easy to install.</p> <p>Note: Antenna must install on nonmetal</p> | <p>Connector: SMA or customized</p> <p>Gain: 4.5dbi</p> <p>Frequency: 806-960MHz or customized</p> <p>Bandwidth: 26MHZ</p> <p>V lobewidth: 58°</p> <p>H lobewidth: 110°</p> <p>SWR: ≤1.3</p> <p>Polarization: right-handed circular</p> <p>Input impedance: 50 Ω</p> <p>Dimension: 260*130*2mm</p> <p>Weight: 150G</p> |
| VA-97 7Dbi |  | <p>Small size, high performance, ABS cover, suitable for asset management antenna and channel antenna for out of storage.</p> | <p>Connector: N(Female) or customized</p> <p>Gain: 7dBi</p> <p>Frequency: 902-928MHz or customized</p> <p>Front-to-back ratio-db: ≥18</p> <p>SWR: ≤1.3</p> <p>Polarization: linear or circular</p> |


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| | | | Input impedance: 50 Ω Dimension: 210*180*44mm Weight: 500G |
| VA-993 8Dbi |  | Small size, high performance, ABS cover, suitable for asset management antenna and channel antenna for out of storage, Vehicle traffic management | Connector: SMA or customized Gain: 8dBi Frequency: 902-928MHz 3dB lobewidth: 70° SWR: 15:1 Polarization: circular Input impedance: 50 Ω Dimension: 259*259*3.3mm Weight: 790G |
| VA-99H/V/R 9Dbi |  | This antenna is widely used in the RFID automatically parking system, Warehouse management storage system, Superior performance, widely used. high Cost-effective product | Connector: N(Female) or customized Gain: 9dBi Bandwidth: 26MHZ Frequency: 902-928MHz or customized Front-to-back ratio-db: ≥18 SWR: ≤1.3 E lobewidth: 70° H lobewidth: 70° Polarization: linear or circular Input impedance: 50 Ω Dimension: 250*220*60mm Weight: 1000G |

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| VA-992 9Dbi |  | <p>This antenna is widely used in the RFID automatically parking system, Warehouse management storage system, Superior performance, widely used. high Cost-effective product</p> | <p>Connector: N(Female) or customized Gain: 9dBi Bandwidth: 26MHZ Frequency: 902-928MHz Front-to-back ratio-db: ≥ 18 SWR: ≤ 1.3 E lobewidth: 70° H lobewidth: 65° Polarization: circular Input impedance: 50Ω Dimension: 260*260*45mm Weight: 450G</p> |
| VA-910V |  | <p>fully enclosed design, High ability for Waterproof and anticorrosion, Structure reinforcement design, Anti-vibration, shock, suitable for railway and transportation RFID systems</p> | <p>Connector: N(Female) or customized Gain: 10dBi Bandwidth: 26MHZ Frequency: 902-928MHz Front-to-back ratio-db: ≥ 120 SWR: ≤ 1.5 V lobewidth: 30° H lobewidth: 120° Polarization: linear Input impedance: 50Ω Dimension: 700*150*90mm Weight: 4.5KG</p> |
| VA-912 12Dbi |  | <p>This antenna is widely used in the RFID automatically parking system, Warehouse management storage system, Superior performance,</p> | <p>Connection: N(Female) Frequency: 902-928MHz or 865-869MHZ Gain:12dBi Bandwidth: 26MHZ Polarization: linear or circular E lobewidth: 35°</p> |

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| | | <p>widely used. high Cost-effective product</p> | <p>H lobewidth: 36° Front-to-back ratio-db: ≥ 23 SWR: ≤ 1.3 Input impedance: 50 Ω Dimension: 450*450*40mm Weight: 4KG</p> |
| <p>VA-9121 12Dbi</p> |  | <p>This antenna is widely used in the RFID automatically park ing system, Warehouse management storage system, Superior performance, widely used. high Cost-effective product</p> | <p>Connector: N(Female) Frequency: 902-928MHZ or 865-869MHZ Gain: 12dBi Bandwidth: 26MHZ Polarization: linear or circular E lobewidth: 30° H lobewidth: 65° Front-to-back ratio-db: ≥ 25 SWR: ≤ 1.5 Input impedance: 50 Ω Dimension: 630*320*83mm Weight: 5KG</p> |
| <p>VA-9101 Smart shelf antenna 10Dbi</p> |  | <p>ultra-thin design, applicable to the asset management, especially for smart shelf management, files shelves management, easy to install</p> | <p>Connector: MMCX or Customized Gain: 10dBi SWR: ≤ 1.3 Polarization: Linear Frequency: 902-928MHZ or Customized Input impedance: 50 Ω E lobewidth: 120° H lobewidth: 30° Dimension: 530(L)*100(W)*30(H)mm Weight: 0.7KG</p> |

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| VA-9122 Smart shelf antenna 12Dbi |  | ultra-thin design, applicable to the asset management, especially for smart shelf management, files shelves management, easy to install | Connector: MMCX or customized Gain: 12dBi SWR: ≤ 1.3 Polarization: liner Frequency: 902-928MHZ Input impedance: 50 Ω E lobewidth: 120° H lobewidth: 30° Dimension: 840(L)*100(W)*30(H)mm Weight: 0.9KG |
| VA-9107 10Dbi |  | -apply to sports activities: racing, marathon and etc. -apply to access control system: people / assets in-out track and etc. | Frequency range:860-960MHz Polarization Type: Circular polarization (right) Gain: 10dBi HOR/VER:70° /38° Front-to-back Ratio: ≥ 8 dB Input Impaction:50 Ω VSWR: ≤ 1.3 Max input power:50W Connector Type: TNC-Type male Dimensions (L×W×D) :1260*820 (mm) Operating temperature:-20°C/+65°C Lightning Protection:DC Grounded |
| VA-9105H 10dbi |  | sport events, assets management etc. | Performance Index Connector type: SMA-female Connector location: bottom Antenna Size:1200*190*10mm N.W. (kg) :2.0 G.W. (kg) :2.3 Effective area (m ²): ≤ 0.732 |

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| | | | Antenna housing material: PVC Antenna housing color: Black Operating temperature: 0° to +50° C / -30° to +60° C, 32° to +122° F / -22° to +140° F Electric Performance Index Frequency (MHz): 865-868MHz Polarization: Linear Gain (dBi): 10dBi Far-field 3dB beam width: 70° in XZ, 25° in YZ Front-to-back ratio(dB): 20 Impedance (Ω): 50 VSWR: < 1.8:1 Anti-static protection: Yes Power (W): 6 |
| VA-9102 |  | sporting events, assets management, smart goods shelf and dense archives rack and etc. | Connector type: SMA-female Connector location: bottom Antenna Size (mm) : 460×90×18 Package Size (mm) : 480×100×22 N.W. (kg) : 0.5 G.W. (kg) : 0.65 Effective windward area (m ²): ≤0.2 Max. wind resistant strength (m/s): 60 Anti-radiation material: UV or ABS Antenna housing material: Aluminum Antenna housing color: black Operating temperature(°C): -40~70 Frequency (MHz): 902-928 Polarization: Linear |

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| | | | Gain (dBi): 5 Half power beam width (°): Hor:60 Ver:72 Front-to-back ratio(dB): ≥ 20 Impedance (Ω): 50 VSWR: ≤ 1.4 Power (W): 100 Lightning protection: DC ground |
| VA-915H 15dBi |  | Any harsh environment | Frequency: 870~960MHz Polarization: Vertical Gain: 15dBi Beam width: E:14°, H:65° Front-to-rear ratio: ≥ 25 dB VSWR: ≤ 1.5 Impedance: 50 Ω Maximum power: 500W The first three passive/tones (2x43dbm carrier wave) : ≤ -150 dBc Lightning Protection: DC ground Antenna connector: N Female Connector Place: Bottom side Antenna dimension: 1270x280x125mm Packing dimension: 1600x375x200mm Weight: 9kg Material/Color: UPVC/Gray Mechanical tilt: 0-14° Operating Temp: -40°C ~ 60°C Rated Wind Velocity: 60m/s Pole diameter: $\Phi 50 \sim \Phi 75$ mm |