



## Emagic Technology Co., LTD.

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### RF-A02 SPECS---UHF 12dbi RFID Antenna

| Physical Characteristics |   |
|--------------------------|---|
| Dimensions               | 445*445*40mm  |
| Weight                   | About 3.9kg   |
| Interfaces               | N-50K   |
| Communication            |   |
| RFID                     | RFID  |
| Barcoding                |   |
| Not support              |   |
| RFID                     |   |
| Frequency                | 902-928 MHz   |
| Protocol                 | ISO18000-6C (EPC global UHF Class 1 Gen 2)                          |
| Antenna                  | 12dBi   |
| polarization mode        | Vertical/Horizon polarization                                       |
| Beam width               | E-Plane 68° , H-Plane 65°   |
| SWR                      | ≤1.3  |
| input resistance         | 50Ω   |
| Other functions          |   |
| Not Applicable           |   |
| Developing environment   |   |
| Not Applicable           |   |
| User Environment         |   |
| Operating Temp.          | -10℃ +70 ℃  |
| Storage Temp.            | -20 ℃~+70 ℃   |
| IP rating                | IP54/ IP65  |
| Humidity                 | 5% RH - 95% RH non condensing                                       |
| Accessories              |   |
| Optional                 | Holder for fixing/ feeder cable (customizable length and connector) |

