



# High-Power omnidirectional antenna 5150-5850 MHz 8dBi

## MC5158M

| Electrical Specifications |                                                                 |
|---------------------------|-----------------------------------------------------------------|
| RF Antenna Type           | Omni Antenna                                                    |
| Model                     | MC5158M                                                         |
| Frequency                 | 5150-5850MHz                                                    |
| Gain                      | 8dBi                                                            |
| VSWR                      | ≤1.8                                                            |
| Impedance                 | 50 Ω                                                            |
| Polarization              | Vertical                                                        |
| Horizontal Beam-width(0°) | 360°                                                            |
| Vertical Beamwidth(0°)    | 8±5°                                                            |
| Ovality(dB)               | ±2dB                                                            |
| Connector                 | N Female                                                        |
| Power                     | 150W                                                            |
| Radiation Pattern         | Omnidirectional                                                 |
| Lightning Protection      | DC Ground                                                       |
| Mechanical Specifications |                                                                 |
| Dimension                 | φ80x32x1000mm                                                   |
| Packing Size              | 1020*300*240mm                                                  |
| Weight                    | 0.85KG                                                          |
| Operational Humidity      | 10-95                                                           |
| Rated Wind Speed          | 41.9m/s                                                         |
| Radome Material           | Fiberglass                                                      |
| Storage Temperature Range | -40~+75°C                                                       |
| Working Temperature Range | -40~+65°C                                                       |
| Color                     | Matt Black                                                      |
| Antenna Form              | Dual Band                                                       |
| Mounting                  | Flange Mount                                                    |
| RoHS                      | Compliant                                                       |
| Applications              | Anti-UAV Drones, Jamming Systems, or Other Outdoor Applications |



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