

# Indoor Ceiling Omni Antenna

# HILINKS

## 970119XX

- Frequency Range: 600-6000MHz
- VPol, 360° Horizontal Beamwidth
- Gain: 1.2-4.5dBi
- Compact size and light weight
- Easy to be installed



### Technical Data

#### Electrical Specifications

| Type No.                    | N Female      | 97011920  |         | 97011923 |           | 97011925  |           |
|-----------------------------|---------------|-----------|---------|----------|-----------|-----------|-----------|
|                             | 4.3-10 Female | 97011930  |         | 97011933 |           | 97011935  |           |
| Frequency Band, MHz         |               | 600-617   | 617-806 | 806-960  | 1710-2700 | 3300-4000 | 4000-6000 |
| Gain, dBi                   |               | 1.2       | 1.5     | 2.0      | 3.0       | 4.0       | 4.5       |
| VSWR                        |               | ≤2.5      | ≤2.0    | ≤2.0     | ≤1.5      | ≤1.5      | ≤2.0      |
| Polarization                |               | Vertical  |         |          |           |           |           |
| Horizontal Beam width       |               | 360°      |         |          |           |           |           |
| Vertical Beam width         |               | 98°       | 95°     | 80°      | 38°       | 32°       | 29°       |
| PIM, 3rd Order, 2×20W (dBc) |               | ≤-140     |         | ≤-150    |           | ≤-153     |           |
| Input Impedance, ohms (Ω)   |               | 50        |         |          |           |           |           |
| Input Power (W)             |               | 50        |         |          |           |           |           |
| Lightning protection        |               | DC Ground |         |          |           |           |           |

#### Mechanical Specifications

|                        |                                      |
|------------------------|--------------------------------------|
| Size (mm)              | Ø204x130                             |
| Weight (kg)            | 0.4                                  |
| Radome Material, Color | ABS (UV Stabilized), White, RAL 9003 |
| Reflector material     | Aluminum                             |

#### Environmental Specifications

|                              |                |
|------------------------------|----------------|
| Operational Temperature (°C) | -40°C to +65°C |
| Operational Humidity (%)     | ≤95            |

#### Radiation Patterns

