

FS-GA204

High-Performance
Circular Polarization
Indoor-Outdoor
Mono-Static Antenna



Electrical Characteristics

| | |
|--------------------------|--------------------------------------|
| Frequency Range | 902-928 MHz (US); 865-868 MHz (ETSI) |
| Gain | 8 dbi |
| Polarization | Circular, LHCP and RHCP |
| Return Loss | 25db (VSWR = 1.18) |
| Front to Back Ratio | > 15 db |
| Vertical 3db Beamwidth | 60° @ E-Plane |
| Horizontal 3db Beamwidth | 50° @ H-Plane |
| Impedance | 50Ω |
| Input Power | 6 watts (max) |

Physical Characteristics

| | |
|-----------------------|-------------------|
| Dimensions(L x W x D) | 260 x 260 x 42 mm |
| Weight | 0.823 kg |
| Connector | Type "N" Female |
| Connector Position | Bottom |
| Environmental Sealing | IP65 |

User Environment

| | |
|------------------------|--|
| Operating Temperature | -40° to +158°F/-40° to +70°C |
| Cold Test | IEC-68-2-1 (-40° F/-40° C for 24 hours) |
| Heat Test | IEC-68-2-2 (158° F/70° C for 24 hours) |
| Temperature Shock Test | IEC-68-2-14 (-40° F rising to 158°F/-40°C rising to 70° C in 10 cycles of 60 minutes each) |
| Humidity Test | IEC-68-2-30 (77° to 104°F/-25° to 40°C 24 hour cycles of 90% relative humidity) |
| Rain Test | IEC-68-2-18 (8 hr min in rain chamber at 43 psi) |
| Salt Fog Test | IEC-68-2-11 (96 hours, repetitive cycling) |
| Random Vibration Test | IEC-68-2-6 (10 to 150 Hz, 05 g, 1 hour in each of 2 axes) |

Accessory:
RF Cable SMA to N Jack



FS-GA205

High-Performance
Circular Polarization
Indoor-Outdoor
Bi-Static Antenna



Electrical Characteristics

| | |
|--------------------------|--------------------------------------|
| Frequency Range | 902-928 MHz (US); 865-868 MHz (ETSI) |
| Gain | 10 dbi |
| Polarization | Two circular polarized patch array |
| VSWR | ≤ 1.5 |
| Front to Back Ratio | > 15 db |
| Vertical 3db Beamwidth | 50° @ E-Plane |
| Horizontal 3db Beamwidth | 56° @ H-Plane |
| Impedance | 50Ω |
| Input Power | 6 watts (max) |

Physical Characteristics

| | |
|-----------------------|---------------------|
| Dimensions(L x W x D) | 360 x 220 x 40 mm |
| Weight | 1.117 kg |
| Connector | Type "N" Female x 2 |
| Connector Position | Bottom |
| Environmental Sealing | IP65 |

User Environment

| | |
|------------------------|--|
| Operating Temperature | -40° to +158°F/-40° to +70°C |
| Cold Test | IEC-68-2-1 (-40° F/-40° C for 24 hours) |
| Heat Test | IEC-68-2-2 (158° F/70° C for 24 hours) |
| Temperature Shock Test | IEC-68-2-14 (-40° F rising to 158°F/-40°C rising to 70° C in 10 cycles of 60 minutes each) |
| Humidity Test | IEC-68-2-30 (77° to 104°F/-25° to 40°C 24 hour cycles of 90% relative humidity) |
| Rain Test | IEC-68-2-18 (8 hr min in rain chamber at 43 psi) |
| Salt Fog Test | IEC-68-2-11 (96 hours, repetitive cycling) |
| Random Vibration Test | IEC-68-2-6 (10 to 150 Hz, 05 g, 1 hour in each of 2 axes) |

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