



Cell-Max™ Omni In-building Antenna, 698–960 MHz ,1695–2700 MHz and 3100-4200MHz

- This product is part of the CommScope Wired for Wireless® Solution

Product Classification

| | |
|---------------|---------------------|
| Product Type | In-building antenna |
| Product Brand | Cell-Max™ |

General Specifications

| | |
|------------------------------|------------------------------------|
| Application | Indoor |
| Antenna Type | Omni |
| Antenna Array Characteristic | SISO |
| Polarization | Vertical |
| Color | White (RAL 9016) |
| Mounting | Thru-hole ceiling mount (optional) |
| Number of Ports | 1 |
| Pigtail Cable | 670-141SXE, plenum rated |
| Radome Material | ASA+PC, UV stabilized |
| RF Connector Interface | 4.3-10 Female |

Dimensions

| | |
|----------------|--------------------|
| Height | 85 mm 3.346 in |
| Pigtail Length | 500 mm 19.685 in |
| Outer Diameter | 186 mm 7.323 in |

Electrical Specifications

| | |
|--------------------------|---|
| Electrical Note | Values typical, unless otherwise stated |
| Impedance | 50 ohm |
| Operating Frequency Band | 1710 – 2700 MHz 3100 – 4200 MHz 698 – 960 MHz |

Electrical Specifications

| Frequency Band, MHz | 698–960 | 1695–2700 | 3100–4200 |
|--------------------------------------|------------|------------|------------|
| Gain, dBi | 2.5 | 5.8 | 7.1 |
| Beamwidth, Horizontal, degrees | 360 | 360 | 360 |
| VSWR Return loss, dB | 1.6 12.7 | 1.5 14.0 | 1.5 14.0 |
| PIM, 3rd Order, 2 x 20 W, dBc | -140 | -140 | -140 |
| Input Power per Port, maximum, watts | 100 | 100 | 100 |

Environmental Specifications

| | |
|-----------------------|--------------------------------------|
| Operating Temperature | -40 °C to +60 °C (-40 °F to +140 °F) |
| Relative Humidity | Up to 100% |

Packaging and Weights

| | |
|--------------------|-------------------|
| Height, packed | 135 mm 5.315 in |
| Width, packed | 195 mm 7.677 in |
| Length, packed | 195 mm 7.677 in |
| Packaging quantity | 1 |
| Weight, gross | 0.4 kg 0.882 lb |
| Weight, net | 0.3 kg 0.661 lb |

Regulatory Compliance/Certifications

| Agency | Classification |
|------------|-----------------------------------|
| CHINA-ROHS | Below maximum concentration value |
| ROHS | Compliant |

