

CELLMAX-D-CPUSEi

Cell-Max™ Directional In-building Antenna, 698–960 MHz, 1710–2700 MHz

Electrical Specifications

| Frequency Band, MHz | 698–800 | 800–960 | 1710–2170 | 2200–2700 |
|--------------------------------------|------------|------------|------------|------------|
| Gain, dBi | 5.0 | 5.0 | 8.0 | 6.0 |
| Beamwidth, Horizontal, degrees | 120 | 90 | 65 | 50 |
| Beamwidth, Vertical, degrees | 90.0 | 85.0 | 55.0 | 40.0 |
| VSWR Return Loss, dB | 1.8 10.9 | 1.5 14.0 | 1.5 14.0 | 1.5 14.0 |
| PIM, 3rd Order, 2 x 20 W, dBc | -140 | -140 | -140 | -140 |
| Input Power per Port, maximum, watts | 50 | 50 | 50 | 50 |
| Polarization | Vertical | Vertical | Vertical | Vertical |
| Impedance | 50 ohm | 50 ohm | 50 ohm | 50 ohm |

General Specifications

| | |
|--------------------------|--|
| Antenna Type | Directional |
| Application | Indoor |
| Operating Frequency Band | 1710 – 2700 MHz 698 – 960 MHz |
| Brand | Cell-Max™ |
| Mount Type | 4-hole wall mounting plate and hardware (included) |
| Package Quantity | 1 |
| Pigtail Cable | 670-141SXE, plenum rated |

Electrical Specifications

| | |
|-----------------|---|
| Electrical Note | PIM specifications are less than or equal to the stated value |
|-----------------|---|

Mechanical Specifications

| | |
|------------------------|--------------------|
| Color | White |
| Pigtail Length | 500.0 mm 19.7 in |
| Radome Material | ABS, UV resistant |
| RF Connector Interface | N Female |

Environmental Specifications

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

Dimensions

| | |
|------------|-------------------|
| Depth | 44.0 mm 1.7 in |
| Length | 210.0 mm 8.3 in |
| Width | 180.0 mm 7.1 in |
| Net Weight | 0.6 kg 1.4 lb |

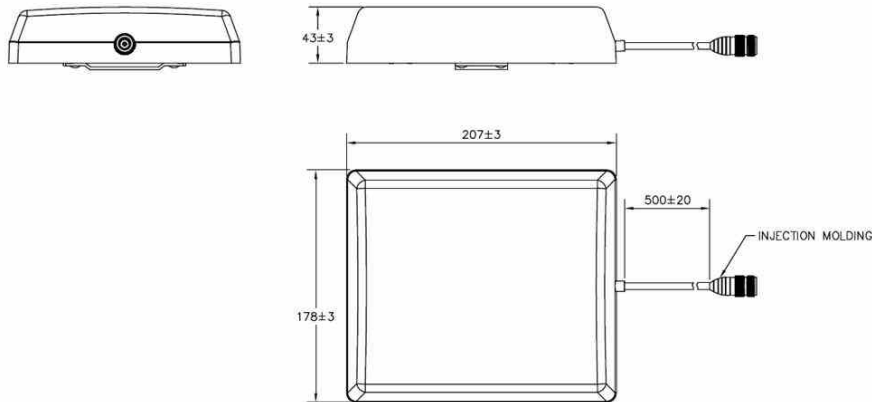
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Packed Dimensions

| | | | |
|-----------------|----------|--|--------|
| Depth | 55.0 mm | | 2.2 in |
| Length | 250.0 mm | | 9.8 in |
| Width | 190.0 mm | | 7.5 in |
| Shipping Weight | 0.8 kg | | 1.7 lb |

CELLMAX-DCPUSEi

Outline Drawing



Regulatory Compliance/Certifications

Agency

RoHS 2011/65/EU
ISO 9001:2008

Classification

Compliant by Exemption
Designed, manufactured and/or distributed under this quality management system

