

2.4GHz Antennas and Cables



2', 4', 10' Cables



20' & 30' Cable



Outdoor Antenna



Outdoor Antenna with 10" Pigtail

DESCRIPTION

Leviton 2.4GHz outdoor rated antennas and extension cables are ideal for use with both 2.4GHz Wi-Fi signals used by the NorthStar Site Controller and SNAP wireless signals used to communicate between NorthStar devices.

The antennas and extension cables accommodate a broad range of installation requirements, saving on time and equipment costs.

APPLICATIONS

- 2.4 GHz ISM Band
- IEEE 802.11b and 802.11g wireless LAN
- Wi-Fi and Bluetooth® applications
- SNAP wireless
- Use with wireless video systems
- Multi-point and mobile

FEATURES

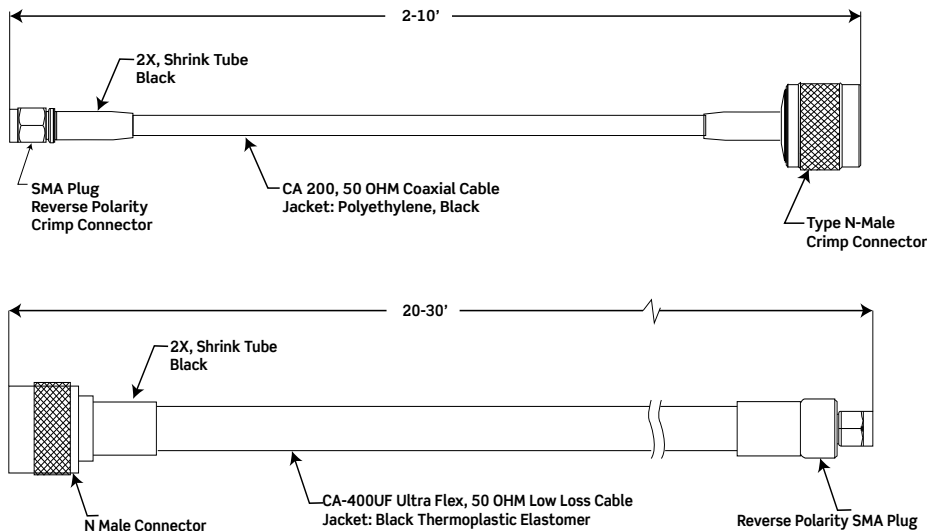
Antennas

- 2.7" black ABS plastic radome
- Compatible with a variety of 2.4GHz applications
- Broad coverage with 3dBi gain
- Bulkhead mounted with or without 10" low loss pigtails
- Pigtails terminate with a right angle SMA plug connector (OCANT-MPP)
- Type N female bulkhead mount connector (OCANT-MPA)
- IP66 outdoor rated

Extension Cables

- 2-10 foot cables use black CA-200, 50Ω coaxial cable
- 20-30 foot cables use black CA-400, 50Ω coaxial cable
- Type N male crimp connector
- Type SMA connector for NorthStar Site/ Fixture Controller connections
- Connector ends reinforced with shrink tube

EXTENSION CABLE FEATURES



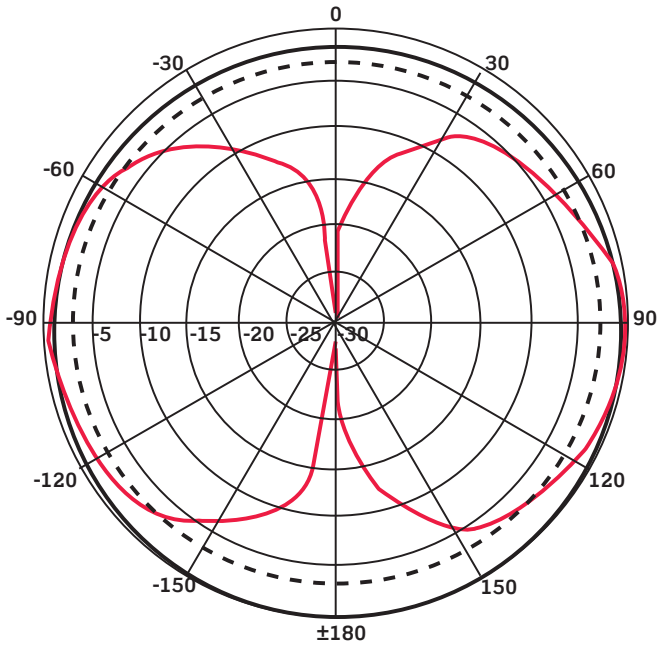
Leviton Manufacturing Co., Inc. Energy Management, Controls and Automation

20497 SW Teton Avenue, Tualatin, OR 97062 tech line 800-959-6004 fax 503-404-5594

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PRODUCT DATA

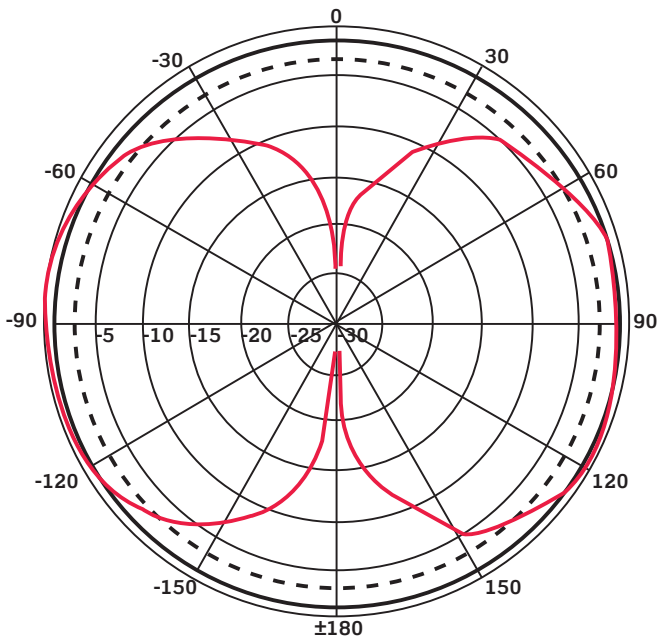
ANTENNA PROPAGATION PATTERNS



Freq: 2400MHz
 Elevation: H-plane
 Polar-Across: Main
 Polarization: Vertical
 Max: 27.48dB
 HPBW(3dB): 360°
 FBR: 0.22dB
 Circularity: 1.35

Freq: 2400MHz
 Elevation: V-plane
 Polar-Across: Main
 Polarization: Vertical
 Max: 28.27dB
 HPBW(3dB): 74.44°
 FBR: 1.06dB
 Circularity: 24.32
 Obliquity: 3.06°

Gain: 3.35dBi



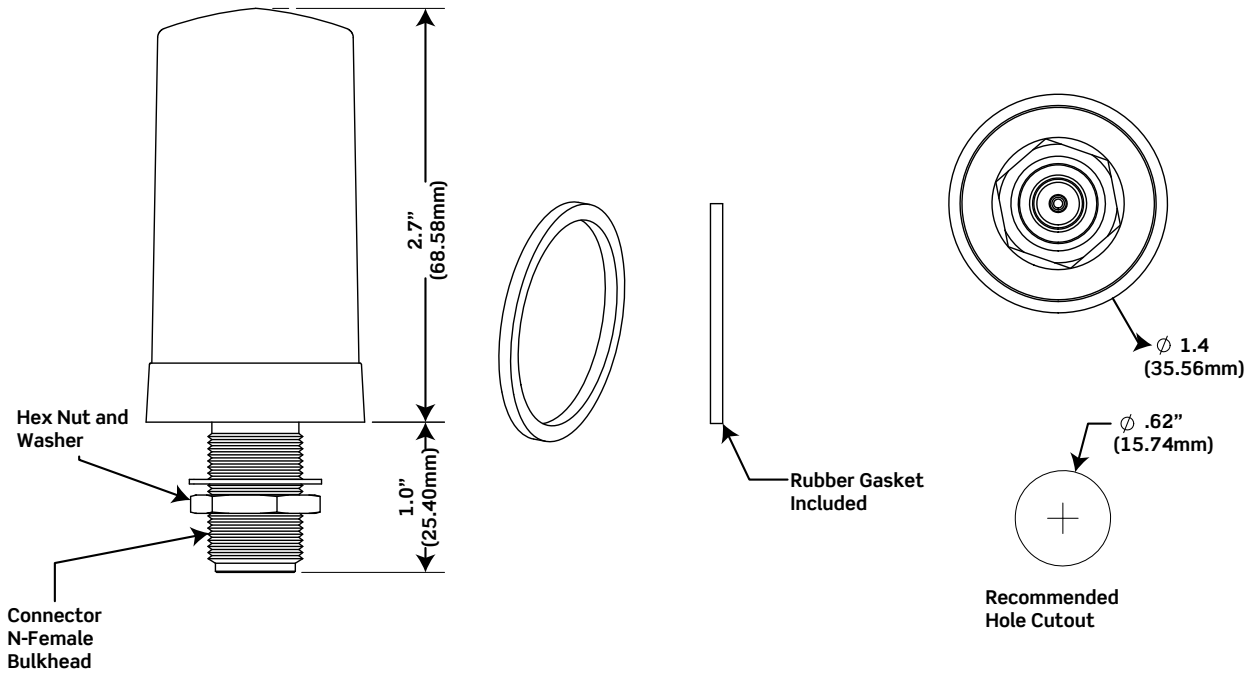
Freq: 2450MHz
 Elevation: H-plane
 Polar-Across: Main
 Polarization: Vertical
 Max: 27.48dB
 HPBW(3dB): 360°
 FBR: 0.71dB
 Circularity: 1.19

Freq: 2450MHz
 Elevation: V-plane
 Polar-Across: Main
 Polarization: Vertical
 Max: 29.84dB
 HPBW(3dB): 80.84°
 FBR: 0.05dB
 Circularity: 21.74
 Obliquity: 8.92°

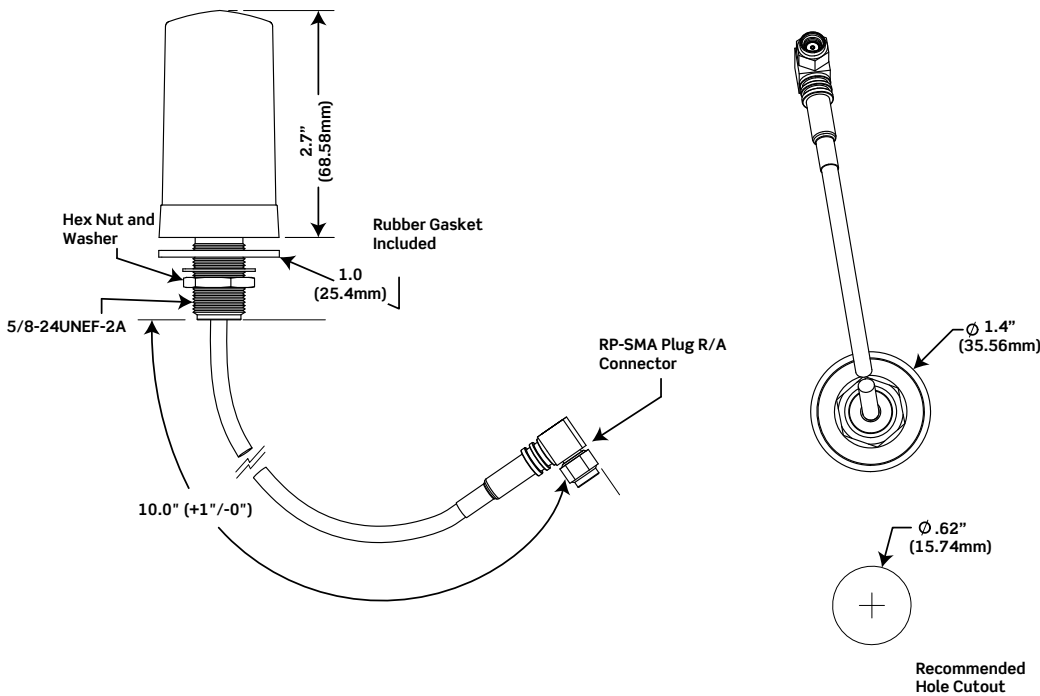
Gain: 3.11dBi

ANTENNA DIMENSIONS

OCANT-MPA



OCANT-MPP



PRODUCT DATA**SPECIFICATIONS**

ELECTRICAL	
Frequency	2400 - 2500MHz
Gain	3dBi
Polarization	Vertical
Horizontal Beam Width (-3dB)	360°
Vertical Beam Width (-3dB)	80°
Maximum Power	100W
Impedance	50Ω
Voltage Standing Wave Ratio	<1.5
Lightening Protection	DC Open
ENVIRONMENTAL	
Operating Temperature	-40 to 185°F (-40 to 85°C)
OTHER	
Listings	RoHS compliant
Warranty	5-Year

ORDERING INFORMATION

CAT. NO.	DESCRIPTION
OCANT-MPP	2.4GHz 3dBi Outdoor Rated Antenna with 10" pigtail for Northstar Systems
OCANT-MPA	2.4GHz 3dBi Outdoor Rated Antenna for Northstar Systems, extension cable required
OCAEX-024	2ft 200 Series Coax Male RPSMA to Male NTYPE Antenna Extension Cable
OCAEX-048	4ft 200 Series Coax Male RPSMA to Male NTYPE Antenna Extension Cable
OCAEX-120	10ft 200 Series Coax Male RPSMA to Male NTYPE Antenna Extension Cable
OCAEX-240	20ft 400 Series Coax Male RPSMA to Male NTYPE Antenna Extension Cable
OCAEX-360	30ft 400 Series Coax Male RPSMA to Male NTYPE Antenna Extension Cable

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G-10161/G17-aa