



Small Cell Pole and Base Catalogue

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Overview Presentation

Product Management and NRE National Support

The Foundation for a Wireless World.

Introduction

Purpose:

To provide field personnel convenient reference to the assortment of approved pole and base types available for installation to satisfy localized aesthetic, deployment and/or cost considerations.

For additional information:

Please consult the internal Wiki page on this topic, as periodically updated, at:
http://c-nerf.crowncastle.com/ne/doku.php?id=product_Management:poles

Source contacts:

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Small Cell Equipment: Fluted Decorative Street Light Pole



Manufacturer: ConcealFab [Not a Crown Castle *preferred* vendor; contact Product Management for sourcing.]

Specification Sheet: In process

Pole Detail:

- Model Name/Number: In process
- Antenna(s): Cylinder or shrouded panel antennas, mounted pole top; smooth transition to any canister diameter
- Radios: Up to three ION-M radios, installed inside the pole
- Accommodates Public Street Lighting: Yes
- Accommodates Other Attachments, such as banners, sensors and shrouds: Yes
- Supports Multiple Carriers: Yes
- Available Color(s): Standard green, brown, gray or black (or others)
- Composition: Metal
- Dimensions: 30 feet high by 14 inches diameter (pole height customizable)
- Shape: Round and fluted
- Other Note(s): None
- Estimated Purchase Cost: \$25,000 (does not include foundation)
- Procurement Timeline (estimated, upon order): 10 to 12 weeks
- Depicted node installed in Mission Hills, San Diego, California

Small Cell Equipment: Fluted Pole and Square Base



Manufacturer: Larson Camouflage

Crown Castle *Preferred Vendor*: Yes

Specification Sheet: In process

Model Name/Number: In process

Supports Multiple Carriers: Yes

Available Color(s): Standard green, brown, gray or black (or others)

Estimated Purchase Cost: \$17,000, to include pole and base (but not foundation)

Procurement Timeline (estimated, upon order): 10 to 12 weeks

Depicted node installed in the Central Business District of New Orleans, Louisiana

Pole Detail:

- Antenna(s): Canister or shrouded panel antennas, mounted pole top
- Composition: Metal
- Dimensions: 21 feet high (from ground) by 8 inches diameter (pole height customizable); round and fluted in shape

Base Detail:

- Radios: Two ION-M cabinets
- Composition: Metal
- Dimensions: 48 inches high by 26 inches diameter; square in shape



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Small Cell Equipment: Fluted Pole and Decorative Tapered Base



Manufacturer: Stealth Inc. [Not a Crown Castle *preferred* vendor; contact Product Management for sourcing.]

Specification Sheet: In process

Model Name/Number: In process

Supports Multiple Carriers: Yes

Available Color(s): Standard green, brown, gray or black (or others)

Estimated Purchase Cost: \$27,000, to include pole, base and luminaire (but not foundation)

Procurement Timeline (estimated, upon order): 10 to 12 weeks

Depicted node installed at University of Mississippi (Ole Miss), Oxford, Mississippi

Pole Detail:

- Antenna(s): Canister or shrouded panel antennas, mounted pole top
- Composition: Metal
- Dimensions: 21 feet high from ground by 8 inches diameter (pole height customizable); fluted in shape

Base Detail:

- Radios: Dual-bay TE equipment
- Composition: Metal
- Dimensions: 65 inches high by 36 inches diameter (at widest point); tapered in shape

Small Cell Equipment: Round Concealment Pole



Manufacturer: ConcealFab [Not a Crown Castle *preferred* vendor; contact Product Management for sourcing.]

Specification Sheet: In process

Pole Detail:

- Model Name/Number: In process
- Antenna(s): Canister or shrouded panel antennas, mounted pole top; smooth pole-to-antenna transition
- Radios: Four ION-M cabinets, or eight Ericsson 2203 RRUs, or combination thereof, installed inside the pole
- Accommodates Public Street Lighting: Yes
- Accommodates Other Attachments, such as banners, sensors and shrouds: Yes
- Supports Multiple Carriers: Yes
- Available Color(s): Standard green, brown, gray or black (or others)
- Composition: Metal
- Dimensions: 30 feet high by 12 inches diameter (pole height customizable)
- Shape: Round
- Other Note(s): Interior space for electric meter, disconnect box and battery backup
- Estimated Purchase Cost: \$20,000 (does not include foundation)
- Procurement Timeline (estimated, upon order): 10 to 12 weeks
- Depicted node installed in Miami Beach, Florida

Small Cell Equipment: Round Concealment Pole (for Baltimore)



Manufacturer: Western Utility Telecom

Crown Castle *Preferred Vendor*: Yes

Specification Sheet: In process

Pole Detail:

- Model Name/Number: In process
- Antenna(s): Canister or shrouded panel antennas, mounted pole top; smooth pole-to-antenna transition
- Radios: Four DAS RUs, or two DAS RUs and four mRRUs, installed inside the pole
- Accommodates Public Street Lighting: No
- Accommodates Other Attachments, such as banners, sensors and shrouds: No
- Supports Multiple Carriers: Yes
- Available Color(s): Standard green, brown, gray or black (or others)
- Composition: Metal
- Dimensions: 30 feet high by 16 inches diameter (pole height customizable)
- Shape: Round
- Other Note(s): None
- Estimated Purchase Cost: \$17,000 (does not include foundation)
- Procurement Timeline (estimated, upon order): 10 to 12 weeks
- Depicted node installed in Baltimore, Maryland



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Small Cell Equipment: Round Slim Concealment Pole



Manufacturer: Sabre Industries

Crown Castle *Preferred* Vendor: Yes

Specification Sheet : In process

Pole Detail:

- Model Name/Number: In process
- Antenna(s): Canister or shrouded panel antennas; smooth pole-to-antenna transition
- Radios: Up to four ION-M cabinets, installed inside the pole
- Accommodates Public Street Lighting: Yes
- Accommodates Other Attachments, such as banners, sensors and shrouds: Yes
- Supports Multiple Carriers: Yes
- Available Color(s): Standard green, brown, gray or black (or others)
- Composition: Metal
- Dimensions: 30 feet high by 12 inches diameter (pole height customizable)
- Shape: Round
- Other Note(s): None
- Estimated Purchase Cost: \$20,000 (does not include foundation)
- Procurement Timeline (estimated, upon order): 10 to 12 weeks
- Depicted node installed in Nashville, Tennessee

Small Cell Equipment: Round Pole and Decorative Round Base



Manufacturer: Stealth Inc. [Not a Crown Castle *preferred* vendor; contact Product Management for sourcing.]

Specification Sheet: In process

Model Name/Number: In process

Supports Multiple Carriers: Yes

Available Color(s): Standard green, brown, gray or black (or others)

Estimated Purchase Cost: \$27,000, to include pole and base (but not foundation)

Procurement Timeline (estimated, upon order): 10 to 12 weeks

Depicted node installed in Princeton, New Jersey

Pole Detail:

- Antenna(s): Canister or shrouded panel antennas, mounted pole top
- Composition: Metal
- Dimensions: 21 feet high (from ground) by 8 inches diameter (pole height customizable); round in shape

Base Detail:

- Radios: Two ION-M cabinets
- Composition: Metal
- Dimensions: 65 inches high by 36 inches diameter; round in shape

Small Cell Equipment: Round Pole and Octagonal Base



Manufacturer: Stealth Inc. [Not a Crown Castle *preferred* vendor; contact Product Management for sourcing.]

Specification Sheet: In process

Model Name/Number: In process

Supports Multiple Carriers: Yes

Available Color(s): Standard green, brown, gray or black (or others)

Estimated Purchase Cost: \$18,000, to include pole, base and luminaire (but not foundation)

Procurement Timeline (estimated, upon order): 10 to 12 weeks

Depicted node installed in Pittsburgh, Pennsylvania

Pole Detail:

- Antenna(s): Canister or shrouded panel antennas, mounted pole top
- Composition: Metal
- Dimensions: 21 feet high by 8 inches diameter (pole height customizable); round in shape

Base Detail:

- Radios: Two CommScope Prism dual-bay cabinets
- Composition: Metal
- Dimensions: 48 inches high by 32 inches diameter; octagonal in shape

Small Cell Equipment: Round Pole and Round Base (for French Quarter)



Manufacturer: Larson Camouflage

Crown Castle *Preferred Vendor*: Yes

Specification Sheet: Yes

Model Name/Number: In process

Supports Multiple Carriers: Yes

Available Color(s): Standard green, brown, gray or black (or others)

Estimated Purchase Cost: \$12,000, to include pole and base (but not foundation)

Procurement Timeline (estimated, upon order): 10 to 12 weeks

Depicted node installed in French Quarter, New Orleans, Louisiana

Pole Detail:

- Antenna(s): Whip omni antenna, mounted pole top
- Composition: Metal
- Dimensions: 17 feet high (from ground) by 3 inches diameter (pole height customizable); round in shape

Base Detail:

- Radios: Two ION-M cabinets
- Composition: Metal
- Dimensions: 10 feet high by 16 inches diameter; round in shape

Small Cell Equipment: Square Pole and Square Base



Manufacturer: Western Utility Telecom

Crown Castle *Preferred Vendor*: Yes

Specification Sheet: Yes

Model Name/Number: In process

Supports Multiple Carriers: Yes

Available Color(s): Standard green, brown, gray or black (or others)

Composition: Metal

Estimated Purchase Cost: \$10,000, to include pole and base (but not foundation)

Procurement Timeline (estimated, upon order): 10 to 12 weeks

Depicted node installed at Houston Medical Center, Houston, Texas

Pole Detail:

- Antenna(s): Canister or shrouded panel antennas, mounted pole top
- Radios: Two ION-M cabinets, installed inside the pole
- Dimensions: 26 feet high by 12 inches diameter (pole height customizable); square in shape

Base Detail:

- Radios: Two ALU 9764 MCO radios
- Dimensions: 37 inches high by 30 inches diameter; square in shape



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Small Cell Equipment: Square Pole and Square Base



Manufacturer: Stealth Inc. [Not a Crown Castle *preferred* vendor; contact Product Management for sourcing.]

Specification Sheet: In process

Model Name/Number: In process

Supports Multiple Carriers: Yes

Available Color(s): Standard green, brown, gray or black (or others)

Estimated Purchase Cost: \$18,000, to include pole and base (but not foundation)

Procurement Timeline (estimated, upon order): 10 to 12 weeks

Depicted node installed in Pittsburgh, Pennsylvania

Pole Detail:

- Antenna(s): Canister or shrouded panel antennas, mounted pole top
- Composition: Metal
- Dimensions: 21 feet high by 7 inches diameter (pole height customizable); square in shape

Base Detail:

- Radios: Two CommScope Prism tri-bay cabinets
- Composition: Metal
- Dimensions: 48 inches high by 31 inches diameter; square in shape

Small Cell Equipment: Decorative Octagonal Base



Manufacturer: Western Utility Telecom

Crown Castle *Preferred Vendor*: Yes

Specification Sheet: Yes

Model Name/Number: In process

Supports Multiple Carriers: Yes

Available Color(s): Standard green, brown, gray or black (or others)

Estimated Purchase Cost: \$8,000 (does not include foundation)

Procurement Timeline (estimated, upon order): 10 to 12 weeks

Depicted node to be installed in Ocean City, Maryland

Pole Detail:

- Pole provided by market

Base Detail:

- Radios: Up to four Ericsson 2203 RRUs, three AirScale units, and two ION-M cabinets (up to nine radios total)
- Composition: Metal
- Dimensions: 48 inches high by 36 inches diameter
- Shape: Octagonal

Small Cell Equipment: Decorative Square Base



Manufacturer: Western Utility Telecom

Crown Castle *Preferred Vendor*: Yes

Specification Sheet: Yes

Model Name/Number: In process

Supports Multiple Carriers: Yes

Available Color(s): Standard green, brown, gray or black (or others)

Estimated Purchase Cost: \$6000 (does not include foundation)

Procurement Timeline (estimated, upon order): 10 to 12 weeks

Depicted node installed in South Boston, Massachusetts

Pole Detail:

- Pole provided by market

Base Detail:

- Radios: Two Ericsson RRUS 11 or two RRUS 12 units
- Composition: Metal
- Dimensions: 48 inches high by 27 inches diameter
- Shape: Square

Small Cell Equipment: Equipment Cage as Ground Furniture



Manufacturer: Western Utility Telecom

Crown Castle *Preferred Vendor*: Yes

Specification Sheet: In process

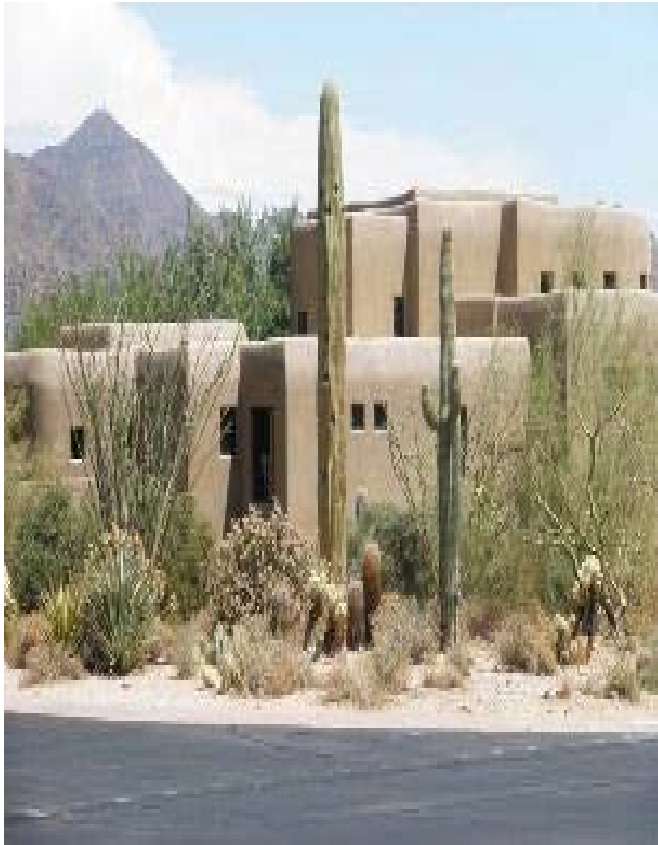
Ground Furniture Detail:

- Model Name/Number: In process
- Radios: Up to four ION-M radios, installed inside the cage, set as ground furniture
- Supports Multiple Carriers: Yes
- Battery Back-Up Unit for AC and/or DC loads: Yes
- Available Color(s): Standard green, brown, gray or black (or others)
- Composition: Metal
- Dimensions: 48 inches high by 24 inches wide by 30 inches deep
- Other Note(s): Interior space for electric meter, disconnect box
- Estimated Purchase Cost: \$2000 (does not include foundation)
- Procurement Timeline (estimated, upon order): 8 to 12 weeks
- Depicted node installed in Scottsdale, Arizona



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Small Cell Equipment: Faux Saguaro Cactus



Manufacturer: Larson Camouflage

Crown Castle *Preferred* Vendor: Yes

Specification Sheet: In process

Pole Detail:

- Model Name/Number: Saguaro Cactus
- Antenna(s): Mounted top of body
- Radios: Up to three ION-M or ION-ML cabinets, installed inside the pole
- Accommodates Public Street Lighting: No
- Accommodates Other Attachments, such as banners, sensors and shrouds: No
- Supports Multiple Carriers: Yes
- Available Color(s) Available: Cactus color only
- Composition: Metal frame, fiberglass body
- Dimensions: 24 feet high by 16 inches diameter
- Shape: Round
- Other Note(s): None
- Estimated Purchase Cost: In process
- Procurement Timeline (estimated, upon order): 8 to 10 weeks
- Depicted node installed in Scottsdale, Arizona