## BASE STATION OMNI ANTENNAS

### VHF
- **BSA150C**: 144-174 MHz, 5.2 dBi, 5/8 Wave, UHF Female
- **FB1136**: 136-230 MHz, 5.2 dBi, 5/8 over 1/2 Wave, UHF Fem

### UHF
- **BSA450C**: 450-470 MHz, 5.6 dBi, 5/8 over 1/2 Wave, UHF Fem

### 700 MHz
- **FB3740WA**: 740-806 MHz, 5.4 dBi, 5/8 over 1/4 Wave, N Female

### 900 MHz
- **FB35T900WA**: 890-960 MHz, 5 dBd, 5/8 over 5/8 Wave, N Female

### 2.4 GHz
- **FB45T2400**: 2400-2485 MHz, 5.6 dBi, 5/8 over 5/8 Wave, N Fem

### LTE, 4G, BROADBAND
- **RO2406NF**: 2400-2500 MHz Radome Omni, 6 dBi, N Female
- **RO2406NM**: 2400-2500 MHz Radome Omni, 6 dBi, N Male
- **RO5805NM**: 5725-5875 MHz Radome Omni, 5 dB, N Male
- **RO5806NF**: 5725-5875 MHz Radome Omni, 6 dB, N Female
- **W5030**: 2.4-2.5 / 5.15-5.875 GHz Omni, 3.5/6.5 dBi, N Male
- **W5067**: 698-2700 MHz Radome Omni, 0.7/1.0/2.0 dB, N Female
- **SLPT698/2170DNM**: 698-2700 MHz Transit Style, 4.5/5.6/4.0 dB, 3/4" Hole Mount

### MOBILE TO BASE CONVERTER
- **BSAKIT**: 144-512 MHz Ground Plane Kit for NMO or PO, UHF Fem
- **BSA118KIT**: 118-121 MHz Ground Plane Kit for NMO or PO, UHF Fem

### ACCESSORIES
- **FB3BRACKET**: Mounting Bracket For FB Series Base Antenna
- **SLPT Direct**: Mount

## DIRECTIONAL YAGI ANTENNAS

### UHF
- **YA3450WN**: 450-470 MHz, 11 dBi, 5 Element, N Female

### 800 MHz
- **YA5900W**: 890-960 MHz, 11 dBi, 7 Element, N Female
- **YA6900W**: 890-960 MHz, 8 dBi, 4 Element, N Female

### MOUNTING BRACKET
- **YAGIKITHD**: Mounting Bracket For 2" Pipe
**IN BUILDING OMNI-DIRECTIONAL ANTENNAS**

**IN-BUILDING PUBLIC SAFETY**

Introducing the V-Thinity ultra-thin VHF antennas - perfect for Police, Fire and Government in-building communications systems. Engineered to an aesthetically pleasing 1.5mm (.060 inch) thickness and optimized for low-frequency in-building environments. The low-profile 380×380 mm (15×15 inch) antenna weighs only 550 grams and provides multi floor coverage. A bi-directional amplifier allows installers to avoid the nulls found with traditional dipoles. Designed to perfectly complement in-building repeater systems, the antenna reduces the number of necessary parts to provide strong, continuous coverage across public safety frequencies in a compact, easy-to-install component.

<table>
<thead>
<tr>
<th>Antenna Code</th>
<th>Frequency Range</th>
<th>Pigtail Length</th>
<th>Connector Type</th>
</tr>
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<tbody>
<tr>
<td>PSIBVHF</td>
<td>132-174 MHz</td>
<td>20’ Pigtail w/N Female Connector</td>
<td></td>
</tr>
<tr>
<td>PSIBUHF</td>
<td>450-490 MHz</td>
<td>20’ Pigtail w/N Female Connector</td>
<td></td>
</tr>
<tr>
<td>PSIBVU78</td>
<td>132-174, 380-570, 700-906 MHz</td>
<td>20’ Pigtail w/N Female Connector</td>
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**PIMINATOR LOW PIM CEILING MOUNT**

Pulse Electronics Introduces the PIMinator Line of Low PIM DAS In-building Antennas. With an industry-leading PIM spec of -155 dBC at 2×20 watts, Pulse Electronics’ line of PIMinators meets the most demanding requirements of cellular operators and integrators of low PIM components for 2G, 3G, and LTE/4G bands around the world. Having an indoor distributed antenna system allows users to receive cellular coverage inside a building instead of depending on a cell site outside the building.

Pulse Electronics’ DASLTE500NF and DASLTENF are the first in Pulse Electronics’ emerging line of PIMinator antennas for DAS networks. They have a diameter of 8.27” (210.2mm) with a height of 4.81” (122.1mm). The DASLTE500NF antenna has a 500mm plenum rated coaxial pigtail with N female connector and the DASLTENF antenna has an N female connector. These low PIM antennas meet the demand for high data rates and streaming video for mobile devices covering cellular bands, WiFi, and WiMAX from 698 through 5900 MHz, and the wideband design meets the needs of operators around the world. The patent-pending PIMinator antennas are housed in aesthetically pleasing injection-molded radomes. They are RoHS compliant and PIM certified.

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<tr>
<td>DASLTENF</td>
<td>698-960 / 1710-2170 / 2300-2700 / 4900-5900 MHz</td>
<td>N Female</td>
<td></td>
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<tr>
<td>DASLTE500NF</td>
<td>698-960 / 1710-2170 / 2300-2700 / 4900-5900 MHz</td>
<td>N Female on 20’ Pigtail</td>
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**PIMINATOR LOW PIM CLARITY SERIES**

Clarity Series™ DAS Antenna Family

Ultra-Thin, Ceiling-Mount Omni Antenna Featuring PIMinator® Low PIM Performance

Industry leading -155 dBC PIM compliant in-building Ultra-Thin ceiling mount DAS omni antenna. The Pulse Electronics PIMinator® line of DAS in-building low PIM omni antenna meets the most demanding PIM requirements for 2G, 3G, 4G (LTE) and WiFi bands.

- Ultra-Thin radome allows installation in places where aesthetics is important.

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<tr>
<td>DASUTCC500NF</td>
<td>698-960 / 1695-2200 / 2300-2700 MHz</td>
<td>N Female on 20’ Pigtail, Translucent</td>
<td></td>
</tr>
<tr>
<td>DASUTWC500NF</td>
<td>698-960 / 1695-2200 / 2300-2700 MHz</td>
<td>N Female on 20’ Pigtail, White</td>
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</tr>
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</table>

**CLARITY SERIES**

Excellent Performance Across All Bands

White Radome, UV Stabilized Plastic, Pleasing Aesthetic Design

Ideal For: Hospitals, Schools, Shopping Malls, Government Buildings, Multi-Tenant Units

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<tr>
<td>PSUTWCNF</td>
<td>380-570 / 698-960 MHz</td>
<td>N Female on 20’ Pigtail</td>
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