Comprod In-Building antennas are designed to provide excellent coverage solutions in order for external Public Safety Radio Frequencies to propagate within buildings, tunnels or public use environments.

We offer a variety of antennas with Fire Retardant 6200 Kydex radomes. These materials are designed for In-Building applications and inside public transport vehicles such as underground trains, vans, buses and trains. They meet the recommended fire safety practices of both the Federal Transit Administration (FTA) and the Federal Rail Administration (FRA) for smoke emission and flammability as tested under ASTM E-662 and ASTM E-162.

Our antennas have been installed worldwide and provide RF coverage inside nuclear power plants, correctional institutions, tunnels, high-rise buildings, subways, shopping malls, parking garages, power plants, high-security office networks and mine shafts.

Note: add the material to the part number when ordering:
ABS is for outdoor use and is grey in color
KYDEX is for indoor use and is white in color

<table>
<thead>
<tr>
<th>Electrical Specifications</th>
<th>357-75</th>
<th>360-75</th>
<th>361-75</th>
<th>362-75</th>
</tr>
</thead>
<tbody>
<tr>
<td>Frequency Range, MHz</td>
<td>148-174</td>
<td>406-512</td>
<td>806-960</td>
<td>806-960</td>
</tr>
<tr>
<td>Nominal Gain, dBi</td>
<td>Unity</td>
<td>Unity</td>
<td>Unity</td>
<td>Unity</td>
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<tr>
<td>Bandwidth 1.5:1 VSWR, MHz</td>
<td>3</td>
<td>20</td>
<td>140</td>
<td>66</td>
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<tr>
<td>Bandwidth: 2.0:1 VSWR, MHz</td>
<td>4</td>
<td>40</td>
<td>140</td>
<td>100</td>
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<tr>
<td>Polarization</td>
<td>Vertical</td>
<td>Vertical</td>
<td>Vertical</td>
<td>Vertical</td>
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<tr>
<td>Pattern</td>
<td>Omnidirectional</td>
<td>Omnidirectional</td>
<td>Omnidirectional</td>
<td>Omnidirectional</td>
</tr>
<tr>
<td>Power Rating, Watts</td>
<td>150</td>
<td>50</td>
<td>50</td>
<td>100</td>
</tr>
<tr>
<td>Nominal Impedance, Ohms</td>
<td>50</td>
<td>50</td>
<td>50</td>
<td>50</td>
</tr>
<tr>
<td>Radome</td>
<td>ABS / 6200 Kydex</td>
<td>ABS / 6200 Kydex</td>
<td>ABS / 6200 Kydex</td>
<td>ABS / 6200 Kydex</td>
</tr>
<tr>
<td>Color</td>
<td>Grey / White</td>
<td>Grey / White</td>
<td>Grey / White</td>
<td>Grey / White</td>
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<tr>
<td>Standard Termination</td>
<td>UHF / BNC</td>
<td>UHF / BNC</td>
<td>N Female</td>
<td>N Female</td>
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<table>
<thead>
<tr>
<th>Mechanical Specifications</th>
<th>357-75</th>
<th>360-75</th>
<th>361-75</th>
<th>362-75</th>
</tr>
</thead>
<tbody>
<tr>
<td>Width, in (mm)</td>
<td>4.0 (102)</td>
<td>3.0 (76)</td>
<td>3.15 (80)</td>
<td>2.0 (51)</td>
</tr>
<tr>
<td>Length, in (mm)</td>
<td>21.0 (533)</td>
<td>11.0 (279)</td>
<td>n/a</td>
<td>n/a</td>
</tr>
<tr>
<td>Height, in (mm)</td>
<td>3.0 (76)</td>
<td>3.25 (83)</td>
<td>n/a</td>
<td>n/a</td>
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<tr>
<td>Diameter, in (mm)</td>
<td>n/a</td>
<td>n/a</td>
<td>9.3 (236)</td>
<td>4.5 (114)</td>
</tr>
<tr>
<td>Weight, lbs (kg)</td>
<td>2.1 (0.945)</td>
<td>1.0 (0.45)</td>
<td>2.5 (1.15)</td>
<td>0.375 (0.169)</td>
</tr>
<tr>
<td>Min. Ground Plane Size, in (mm)</td>
<td>36 x 48 (914 x 1219)</td>
<td>20 x 16 (508 x 406)</td>
<td>14 x 14 (355 x 355)</td>
<td>10 x 10 (254 x 254)</td>
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</tbody>
</table>