

## “On-Glass”<sup>®</sup> Unity Gain Window Mount Antennas

These PCTEL antennas feature patented “On-Glass”<sup>®</sup> technology that permits RF transmission and reception through glass. They utilize DUO-BOND™ mounting that permits installation without holes, providing a complete seal against moisture and long lasting holding power.



AP454.3  
(straight)

### Features

- Unique - patented “On-Glass”<sup>®</sup> technology transmits and receives through glass
- Efficient - DUO-BOND™ mounting method allows no-hole installation in minutes, with long-lasting holding power
- Weather Proof - water cannot enter vehicle through gasket failure or cable channels
- Effective - mounts high in the vehicle for optimal omnidirectional coverage
- Convenient - whip is easily adjustable to vertical position and is removable for car wash clearance
- Disguise cellular look-alike models available for covert public safety applications

### Technical Data

<b>Maximum Power:</b> 50 watts
<b>Normal Impedance:</b> 50 ohms
<b>VSWR:</b> < 1.5:1
<b>Radiator Material:</b> Stainless steel, black DURA-COAT™ finish 17-7PH stainless steel encapsulated phasing coil (AP454.5)
<b>Coax Cable: (if included):</b> 15 ft RG-58/U
<b>Required Mounting Footprint:</b> 1.75” square (APR models)
<b>Coupling Unit:</b> DC grounded, shunt-fed
<b>Mounting Method:</b> “On-Glass” <sup>®</sup> mount with black DURA-COAT™ finish and stainless steel hardware and plastic ABS cover

### Electrical Specifications

Model	Frequency Range	Gain
APR153	150-174 MHz	Unity
APR152.3	150-174 MHz	Unity
AP454.3	410-512 MHz	Unity

### Mechanical Specifications

Model	Connector	Antenna Height from Mounting Surface	Rod Type
APR153	PL-259 attached	19.8” perpendicular	Open Coil
APR152.3	PL-259 attached	23.7” perpendicular	Straight Whip
AP454.3	UHF male on cable	8”	Straight

