


MAXRAD

Technical Data

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

"On-Glass"® Unity Gain Window Mount Antennas

These antennas feature patented "On-Glass"® 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.

Features

- Unique - patented "On-Glass"® 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

Antenna Electrical Specifications

Model	Frequency Range	Gain
APR143	138-174 MHz	Unity
APS151	144-174 MHz	Unity
APR153	150-174 MHz	Unity
APR152.3*	150-174 MHz	Unity
AP454.3	410-512 MHz	Unity
AP454.5	410-512 MHz	3 dB
AP455	440-470 MHz	Unity

Mechanical Specifications

Model	Connector	Antenna Height from Mounting Surface	Rod Type
APR143	PL-259 attached	20.7" perpendicular	Coil
APS151	PL-259 attached	20.7" perpendicular	Coil
APR153	PL-259 attached	19.8" perpendicular	Coil
APR152.3	PL-259 attached	23.7" perpendicular	Coil
AP454.3	UHF male on cable	8"	Straight
AP454.5	UHF male on cable	30"	Encapsulated
AP455	UHF male on cable	18"	Coil

For detailed specifications,
visit <http://antenna.pctel.com>.