



APA874.3M

APR852.3

APR852.3 Series  
U.S. Patent No. 4,238,799

## "On-Glass"® 3 dB Window Mount Antennas

Our **Antenna Specialists**® "On-Glass"® 3 dB antennas provide optimal coverage of 800 and 900 MHz frequencies with outstanding VSWR performance of <1.5:1. Their patented mount design features a compact coupling box and flexible foot that transmits and receives through glass without holes while firmly adhering to curved glass surfaces.

### Features

- Flexible Foot - improved design adheres better to curved glass surfaces on today's automobiles
- Optimum Performance - a typical VSWR of less than 1.5:1 across the specified frequencies
- Frequency Tuned Design - optimal performance in virtually every installation with no tuning required
- Hand-adjustable Whip - constant tension keeps whip vertical during normal use, yet whip can be folded down quickly and easily before entering a car wash, without using tools. Whip removal is not required
- Models available with open or enclosed coil straked whips



### Technical Data

Maximum Power:
10 watts
35 watts (APR models)
Nominal Impedance: 50 ohms
VSWR:
< 1.5:1
Radiator Material:
Stainless steel, black DURA-COAT™ finish
Base: Polyurethane molded foot with brass insert and stainless steel hardware
Coax Cable: 15 ft PRO-FLEX™ PLUS
Whip Length:
Approximately 13" (APD876.3 models)
14.7" (APD873.3 models)
12.7 inches (APR models)
14.5 inches (APA877.3M)
Mounting Method: Glass mount

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

## Antenna Electrical Specifications

Model	Frequency Range	Gain	Bandwidth
APA874.3M	806-869 MHz	3 dB	63 MHz
APR852.3	806-869 MHz	3 dB	63 MHz
APR852.3B	806-869 MHz	3 dB	63 MHz
APR852.3M	806-869 MHz	3 dB	63 MHz
APR852.3N	806-869 MHz	3 dB	63 MHz
APR852.3P	806-869 MHz	3 dB	63 MHz
APR852.3T	806-869 MHz	3 dB	63 MHz
APD873.3M	824-894 MHz	3 dB	70 MHz
APD873.3T	824-894 MHz	3 dB	70 MHz
APD876.3M	824-894 MHz	3 dB	70 MHz
APD876.3T	824-894 MHz	3 dB	70 MHz
APXD873.3M	824-894 MHz	3 dB	70 MHz
APXD873.3T	824-894 MHz	3 dB	70 MHz
APXD876.3M	824-894 MHz	3 dB	70 MHz
APRG852.3M	890-960 MHz	3 dB	70 MHz
APRG852.3N	890-960 MHz	3 dB	70 MHz
APRG852.3T	890-960 MHz	3 dB	70 MHz
APRG852.3U	890-960 MHz	3 dB	70 MHz

## Mechanical Specifications

Model	Connector	Whip Style
APA874.3M	Mini-UHF male	Enclosed
APR852.3	No connector	Open
APR852.3B	BNC male	Open
APR852.3M	Mini-UHF male	Open
APR852.3N	N male	Open
APR852.3P	UHF male	Open
APR852.3T	TNC male	Open
APD873.3M	Mini-UHF crimp	Open
APD873.3T	TNC Male crimp	Open
APD876.3M	Mini-UHF crimp	Enclosed-straked
APD876.3T	TNC Male crimp	Enclosed-straked
APXD873.3M	Mini-UHF attached	Open
APXD873.3T	TNC Male attached	Open
APXD876.3M	Mini-UHF attached	Enclosed-straked
APRG852.3M	Mini-UHF male	Open
APRG852.3N	N male	Open
APRG852.3T	TNC male	Open
APRG852.3U	SAP (female FME)	Open