

“On-Glass”[®] 3 dB Window Mount Antennas



APR852.3

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

PCTEL’s “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: 35 watts
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 195 (not included with model number APR852.3)
Whip Length: 12.7 inches
Mounting Method: Glass mount

Antenna Electrical Specifications

Model	Frequency Range	Gain	Bandwidth
APR852.3	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

Mechanical Specifications

Model	Connector	Whip Style
APR852.3	No connector / No cable included	Open
APR852.3M	Mini-UHF male	Open
APR852.3N	N male	Open
APR852.3P	UHF male	Open
APR852.3T	TNC male	Open

