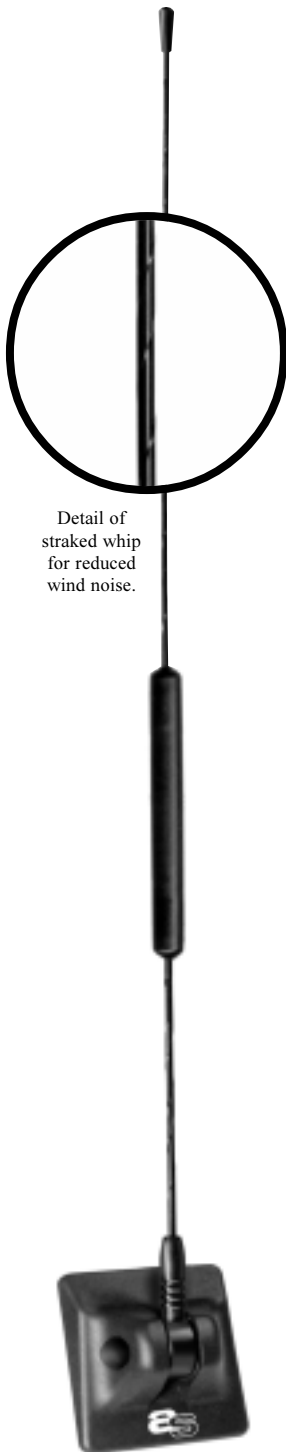


# “On-Glass”®

## Premium Window Mount Antennas

### Models

**APD826.1 • APD827.1**  
**APD873.3 Series • APD876.3 Series**



Detail of  
straked whip  
for reduced  
wind noise.

**Flexible Foot** — improved design adheres better to curved glass surfaces on today's automobiles

**Solid State Coupling Box** — all solder connections eliminated for superior mechanical integrity

**Modern Euro-styling** — complements latest automobile designs

**Optimum Performance** — a typical VSWR less than 1.5:1 across the cellular band for 3 dBd (5 dBi) gain models

**Sleek Appearance** — coupling box is less than 1/2 inch thick for easy installation and minimal visual impact

**“Frequency Tuned Design”** — optimum 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

**Optional Whips** — user/installer choice of open, enclosed-coil straked, or low profile globe and spike

### Available Model Configurations

Model	Connector	Whip Style
APD826.1M	Mini-UHF	Globe
APD826.1T	TNC male	Globe
APD826/CP	Adapter (consumer pack)	Globe
APD827.1M	Mini-UHF	Spike
APD827.1T	TNC male	Spike
APD827/CP	Adapter (consumer pack)	Spike
APD873.3M	Mini-UHF crimp	Open
APD873.3T	TNC male crimp	Open
APD873/CP	Adapter (consumer pack)	Open
APD876.3M	Mini-UHF crimp	Enclosed-straked
APD876.3T	TNC male crimp	Enclosed-straked
APD876/CP	Adapter (consumer pack)	Enclosed-straked
APXD873.3M	Mini-UHF attached	Open
APXD873.3T	TNC male attached	Open
APXD876.3M	Mini-UHF attached	Enclosed-straked
APXD876.3T	TNC male attached	Enclosed-straked
APXD876.3U	SAP attached	Enclosed-straked
KAV873	Connector/cable not supplied	Open
KAV876	Connector/cable not supplied	Enclosed-straked

#### APD876.3 Series

“On-Glass” mount with enclosed-coil straked whip for wind-noise reduction and quieter performance.

U.S. Patent Nos. 4,839,660 & 5,343,214  
 U.S. Patent Des. 314,576 and other patents pending



#### APD873.3 Series

“On-Glass” mount with open-coil whip.

### Specifications

	APD826.1/APD827.1	APD873.3 Series	APD876 Series
<b>Electrical</b>			
Frequency Range	824-894 MHz	824-894 MHz	824-894 MHz
Gain	Unity (2 dBi)	3 dBd (5 dBi)	3 dBd (5 dBi)
VSWR	1.9:1	1.5:1	1.5:1
Power	10 watts	10 watts	10 watts
Bandwidth	Entire cellular frequency range	Entire cellular frequency range	Entire cellular frequency range
<b>Mechanical</b>			
Whip Material	Brass, black DURA-COAT™ finish	Stainless steel, black DURA-COAT finish	Stainless steel, black DURA-COAT finish
Whip Length	3 inches (7.6 cm)	Approximately 14.7 inches (37.5 cm)	Approximately 13 inches (33 cm)
Mount	Polyurethane molded foot with brass insert and stainless steel hardware	Polyurethane molded foot with brass insert and stainless steel hardware	Polyurethane molded foot with brass insert and stainless steel hardware
Cable	15 ft (4.6 m) PRO-FLEX™ PLUS	15 ft (4.6 m) PRO-FLEX PLUS	15 ft (4.6 m) PRO-FLEX PLUS
Connector	See table on page 16	See table on page 16	See table on page 16

### Solid state means solid performance.

Solid-state coupling box technology ensures unparalleled electrical and mechanical performance. The insert-molded brass matching network has no moving parts or solder connections to fail inside. Pre-tuning provides right-out-of-the-box use. Installation time is reduced while signal quality rises. The one weld design decreases noise potential and increases reliability. The patented counterpoise design minimizes unwanted signal radiated from the coax cable, cutting risk of on-board computer interference. Best of all, the coupling box is only 1/2 inch thick.



**Solid State Coupling Box  
less than 1/2" thick**



**APD826.1**  
"On-Glass" mount with  
globe-style whip.



**APD827.1**  
"On-Glass" mount with  
spike-style whip.