

## “On-Glass”® Dual Band, Window Mount 3 dB Gain Antennas

Our Antenna Specialists® “On-Glass”® Premium antennas have been precision engineered to provide optimal coverage for both iDEN and PCS frequencies in a low profile antenna design. They are available with various connector options.

### Features

- Precision Engineered — 3 dB performance at all specified frequencies in smaller footprint for minimal visual obstruction
- Flexible Foot — firmly adheres to curved glass surfaces for secure vehicular installations
- Patented Whip Design — special phasing coil achieves in-phase signal transmission and reception using 2 collinear elements at both frequencies
- High Performance — patented coupling box provides maximum efficiency while PRO-FLEX™ PLUS cable minimizes loss
- Convenient — install only one antenna to cover all 800/900 MHz and PCS frequencies, minimizing installation time and costs
- Frequency Tuned Design — optimum performance with no field tuning required
- Straked Whip — for reduced wind noise and better RF reception

### Antenna Electrical Specifications

Model	Frequency Range	Bandwidth	Gain
APDM928M	806-960/1850-1990 MHz	154 MHz/140 MHz	3 dB/3 dB
APDM928S	806-960/1850-1990 MHz	154 MHz/140 MHz	3 dB/3 dB
APDM928T	806-960/1850-1990 MHz	154 MHz/140 MHz	3 dB/3 dB
APDM928U	806-960/1850-1990 MHz	154 MHz/140 MHz	3 dB/3 dB
APDM928	806-960/1850-1990 MHz	154 MHz/140 MHz	3 dB/3 dB
APDM928PCS	806-960/1850-1990 MHz	154 MHz/140 MHz	3 dB/3 dB

### Mechanical Specifications

Model	Connector	Antenna Height
APDM928M	Mini-UHF male	14"
APDM928S	SMA male	14"
APDM928T	TNC male	14"
APDM928U	SAP	14"
APDM928	None	14"
APDM928PCS	SAP with Mini-UHF and TNC adapters	14"



**MAXRAD**

### Technical Data

<b>Maximum Power:</b> 10 watts
<b>Nominal Impedance:</b> 50 ohms
<b>VSWR:</b> <1.9:1
<b>Radiator Material:</b> 0.090" 300 series stainless steel with black DURA-COAT™ finish
<b>Cable:</b> 15 ft PRO-FLEX™ PLUS cable
<b>Mount Method:</b> Glass mount

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