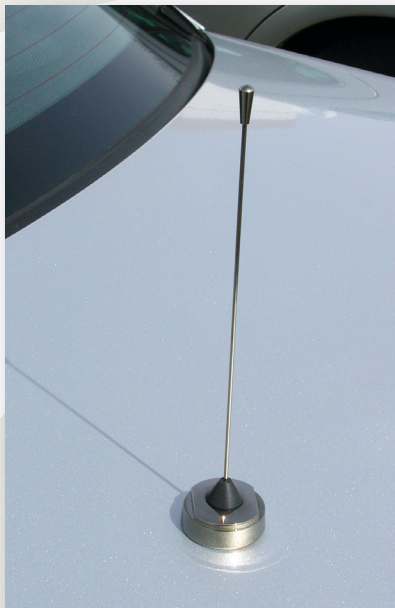


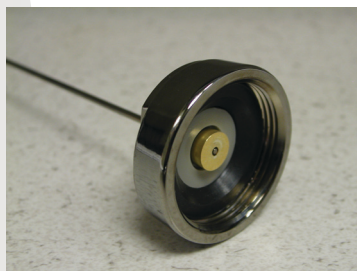
# PCTEL DELUXE CHROME NUTS

PCTCN SERIES - PCTEL'S NEXT GENERATION CHROME NUT PLATFORM



## SUPPORTING LMR, PUBLIC SAFETY, ENTERPRISE

CURVE APPEAL + TOP OF THE LINE FEATURES = OUTSTANDING VALUE



As a leading supplier of antennas for wireless mobile and fixed networks, PCTEL utilizes the latest technologies and engineering design tools to create high performance products for land mobile radio and public safety applications.

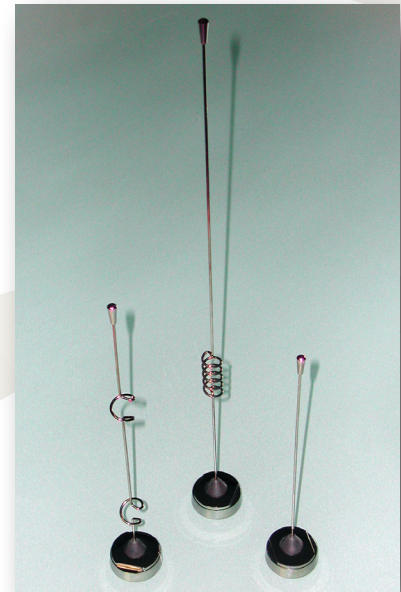
Our new chrome nut antenna series supports numerous wireless voice and data applications in an attractive, cost effective platform:

- ✓ Mobile Public Safety
- ✓ Emergency Response
- ✓ Commercial, Service and Delivery
- ✓ Livery and Taxi Fleets
- ✓ Telemetry and SCADA
- ✓ Field Measurement and Wireless Network Optimization

This new series provides coverage of wireless frequencies operating from 118 MHz to 2.5 GHz with only 12 models. The platform features a new high-tech "Titanium gray" finish that closely reflects the color of the surface on which the antenna is mounted, eliminating the need to order different antenna colors to match various vehicle types.

# PCTCN PLATFORM BENEFITS

- Optimized bandwidth performance - Only 12 models required to cover all frequencies between 118 MHz and 2.5 GHz
- High-Tech “Titanium gray” reflective plating - Closely mimics the color of the metallic surface on which the antenna is installed, nicely complementing the appearance of public safety, livery and service vehicles.
- Gold plated, brass contact button interface - Provides optimized electrical performance, corrosion resistance and maximum 100lb pull force resistance for long lasting, trouble-free operation
- Tear drop style rod tip - Better impact resistance for long-lasting operation (factory tuned models only)
- Heavy duty zinc die cast base for maximum durability and corrosion resistance under extreme weather conditions
- Mates with all 1-1/8"-18 thread mounts, including 3/4" mounts for simple installation and/or replacement.



General Specifications	
Maximum Power	150 watts
Nominal Impedance	50 Ohms
VSWR at Resonance	< 1.5:1
VSWR across the range of specified frequencies	< 2.0:1
Radiator Material	.062" OD spring rated stainless steel, "Titanium gray" finish
Mount Nut	Zinc die cast; Titanium finish
Antenna Type	1/4 Wave (Unity gain models) 5/8 Wave over a 1/4 Wave (3 dB gain models) Collinear (4.5 dB model)
Available Models	PCTCNMFT - 118-940 MHz, unity gain, field tunable PCTCN1520 - 152-162 MHz, unity gain, factory tuned PCTCN1620 - 162-174 MHz, unity gain, factory tuned PCTCN3840 - 380-430 MHz, unity gain, factory tuned PCTCN4347 - 430-470 MHz, unity gain, factory tuned PCTCN4750 - 470-512 MHz, unity gain, factory tuned PCTCN7080 - 740-870 MHz, unity gain, factory tuned PCTCN8090 - 806-960 MHz, unity gain, factory tuned PCTCN8063 - 806-866 MHz, 3 dB gain, factory tuned PCTCN8253 - 824-896 MHz, 3 dB gain, factory tuned PCTCN8963 - 896-940 MHz, 3 dB gain, factory tuned PCTCN24005 - 2.4-2.5 GHz, 4.5 dB gain, factory tuned

