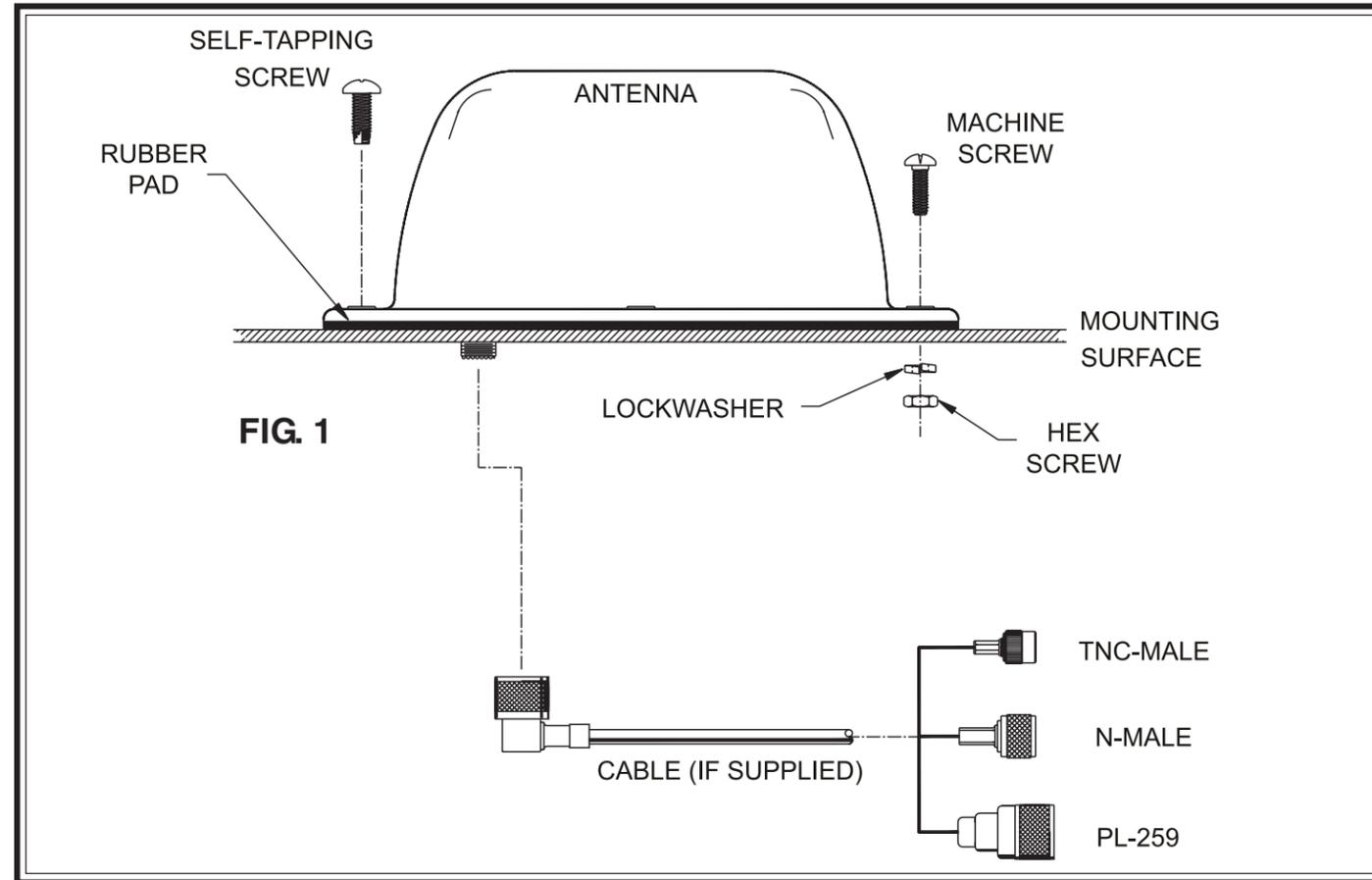


OMNI-DIRECTIONAL BROADBAND TRANSIT ANTENNA

FOR 806-894 MHz & 890-960 MHz (depending on model series).

ASP931 series
ASPG931 series



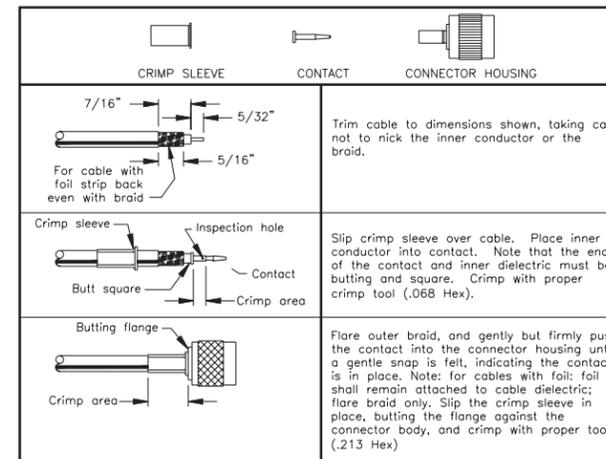
INSTALLATION INSTRUCTIONS

1. Choose a mounting surface location that is large enough, and flat enough, for the antenna base footprint, as shown in Fig. 2. This antenna is designed for optimal performance when installed on a minimum 4' x 4' (1.22m x 1.22m) size, flat metal ground plane.
2. Using template (Fig.2), drill or punch all holes as shown. Antenna may be attached with either machine screws or self-tapping screws (Fig.1). To use machine screws, drill four (4) 7/32" [.56cm] diameter holes. To use self-tapping screws, drill four (4) .136" [.35cm] diameter (#29 drill) holes. Drill one (1) 1-5/16" [3.34 cm] diameter hole.
3. Place rubber pad between antenna base and mounting surface (Fig.1). Attach the antenna. Be sure all four screws make good contact with the vehicle body metal to insure a good ground. Recommended assembly torque is 5 in.lbs. [.57N.m].
4. Attach cable (if supplied) to the fitting on the bottom of antenna (Fig.1). If cable is not supplied, acquire low-loss cable such as A/S PRO-FLEX™ PLUS (18-481-1) and A/S right angle N connector (14-1693-1).
5. Route cable to radio and attach connector (if supplied) by following proper connector assembly instructions on page 2.
6. Connect cable to radio to complete installation. No tuning is required.



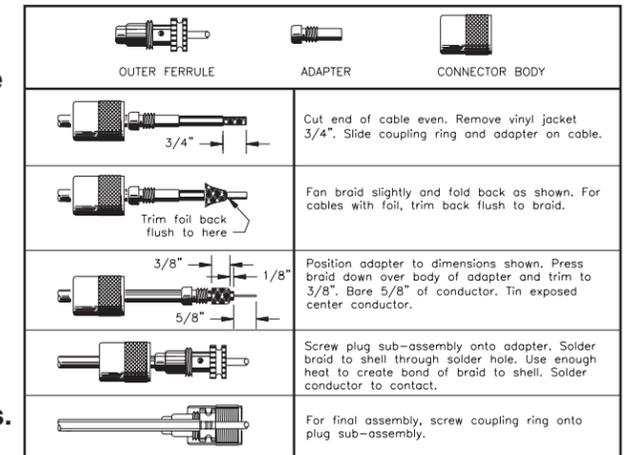
PCTEL Antenna Products Group
471 Brighton Drive
Bloomington, Illinois 60108-3102
ph. 630-372-6800 fax. 630-372-8077
Sales Toll Free: 1-800-323-9122
www.antenna.pctel.com

TNC CRIMP CONNECTOR

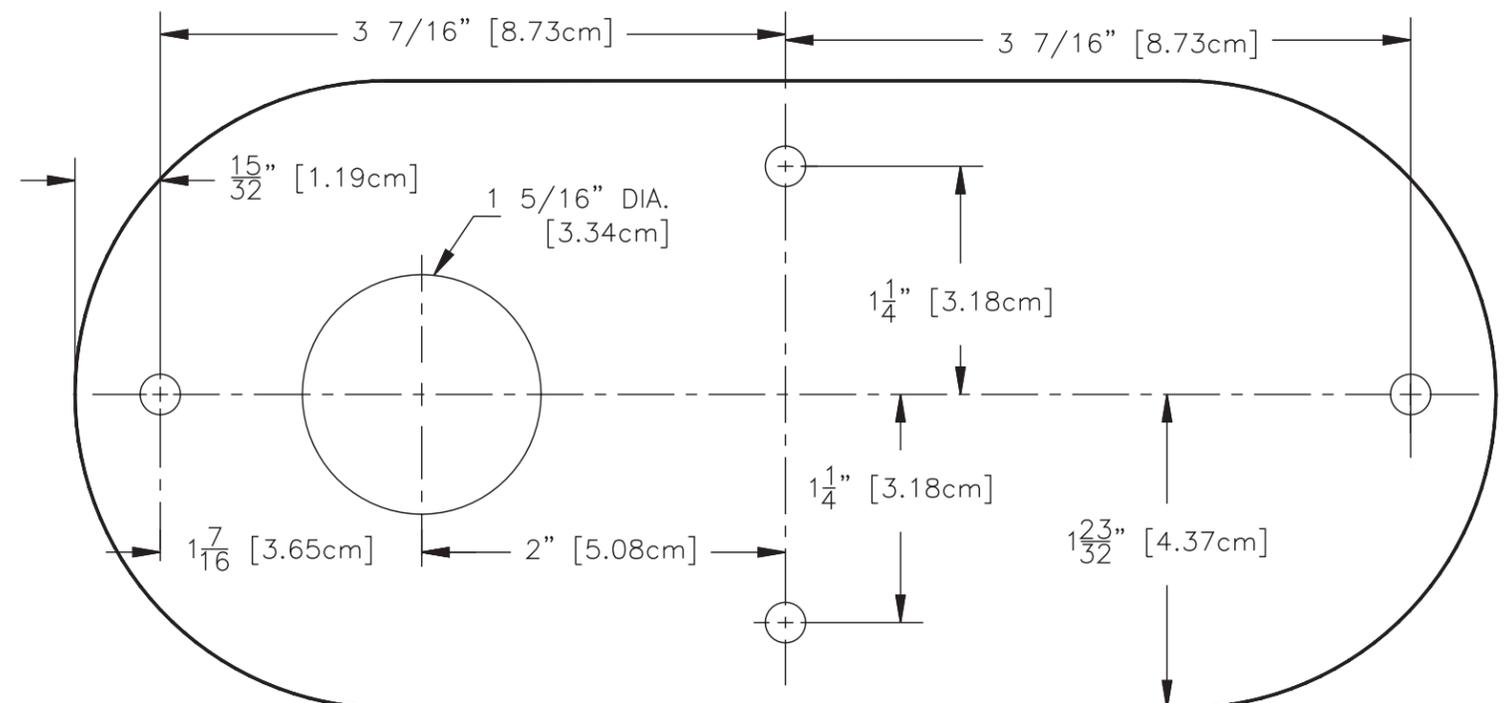
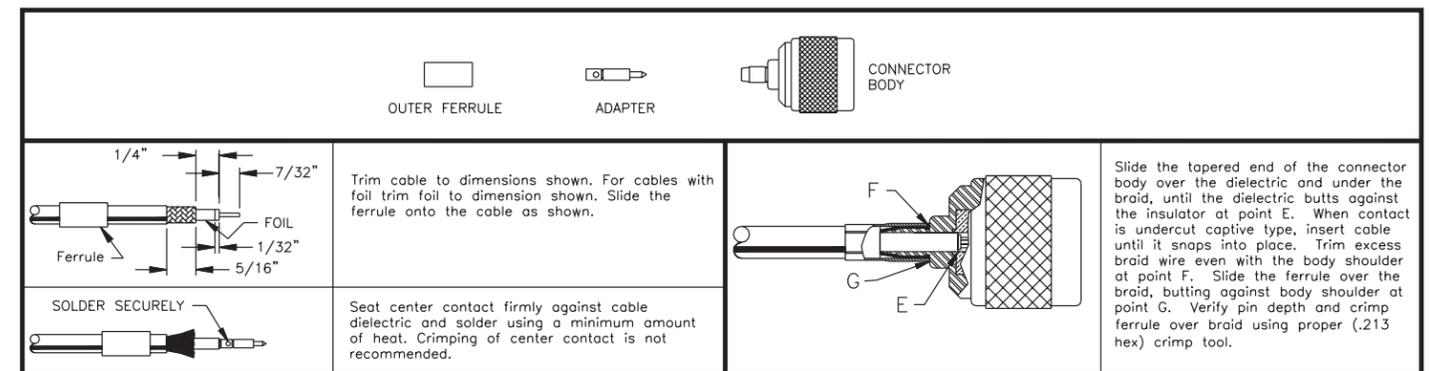


Note: Do not cut the cable to a shorter length. Leave the cable full length provided and coil and stow the excess.

PL-259 CONNECTOR



TYPE "N" CRIMP CONNECTOR



MOUNTING TEMPLATE FIG. 2

Printed in U.S.A

127-85-2 REV. B 04/05