

# INSTALLATION INSTRUCTIONS

E0015 / Rev 03 Date : 31/05/1999



KABELWERK EUPEN AG  
CABLERIE D'EUPEN S.A.  
KABELFABRIEK EUPEN N.V.

## N and 7/16 connectors for 1-1/4" radiating cables

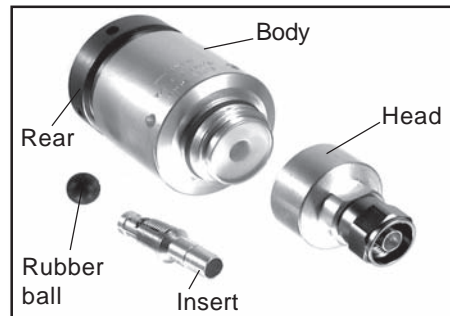
### RECOMMENDED TOOLS AND ACCESSORIES

**SPTC 50R 1-1/4"** preparation tool, hack saw (fine toothed blade), sharp knife, file, nonmetallic scouring pad, 3mm hex key, 2 hook spanners (35-50mm).



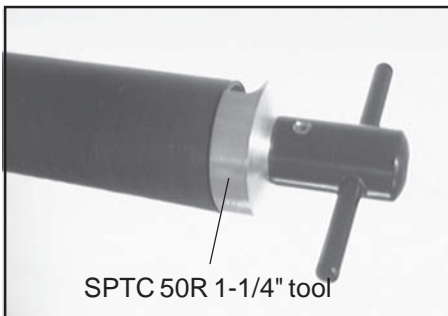
Open end wrench :

- NM** 1x 19mm.
- 7/16M** 1x 30mm
- 7/16F** 1x 30mm
- 7/16M coupling nut** 1x 27mm



### CABLE PREPARATION AND CONNECTOR MOUNTING

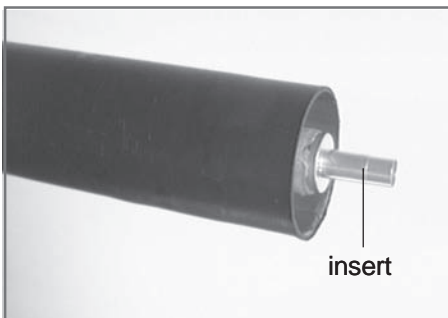
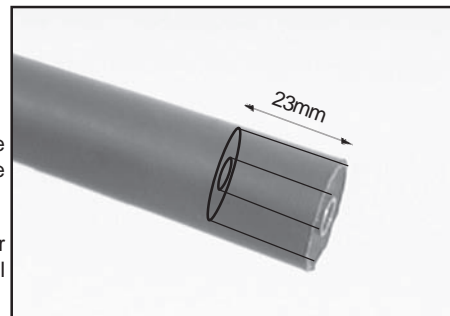
Make a square cut at the end of the cable with the hack saw.



Use the **SPTC 50R 1-1/4"** tool to core the dielectric 23mm (29/32") deep from the cable end.

The surfaces of both conductors must be clean and free of dielectric, for this entire length.

Use the knife and the scouring pad to deburr and to clean both conductors. Remove all chips and clean the cable end.



Slide the insert into the center conductor until it stops.

Unscrew the rear slightly and push the connector straight onto the cable until it stops.



Using the hook spanners, hold the body still and tighten the rear onto the connector with a torque of 50Nm (37lb-ft) maximum. Tighten the allen screw inside the insert using the 3mm hex key. The front of the body and the insert must be in a same plane (acceptable tolerance:  $\pm 0.2$  mm).

Thread the connector head onto the body. Use an hook spanner to hold the body still and an open end wrench to tighten the head with a torque of 30Nm (22lb-ft) maximum.

**NOTICE**  
**KABELWERK EUPEN AG** disclaims any liability or responsibility for the results of improper or unsafe installation practices.