

Instructions for mounting a connector 9050

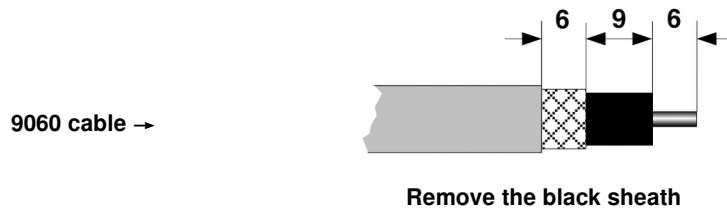
9050

The crucial point in a pH system is the mounting of the connector on a coaxial cable.

The electrical connection is perfectly realized through a special low noise cable (ref. 9060 or 9061). Optimal insulation must be insured between the central wire and the shield, especially in a humid environment.

Note: A defective insulation (or a short circuit) causes an indication of pH 7.

Preparing the 90650 Cable



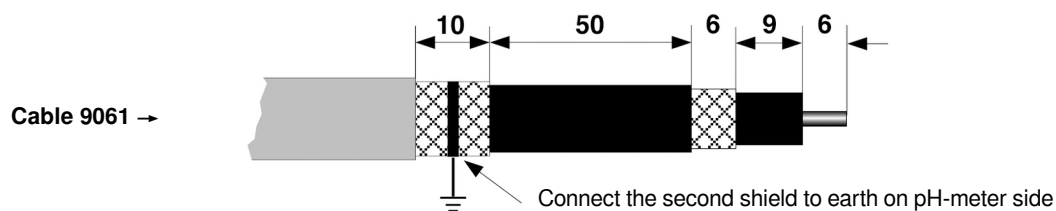
Black anti-noise sheath:

This sheath is a magnetic shield which must in no case touch the central wire.
- Prepare the cable respecting the lengths specified on the drawing.

Welding:

Tin the part of the connector to receive the central wire, very carefully make tin soldering between cable and connector.

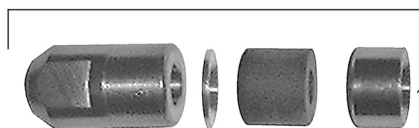
Preparing the 9061 cable



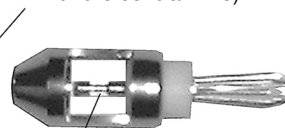
This cable has additional shield and sheath; The other layers of this cable must be prepared and connected in the same way as those of cable 9060. These two elements must remain outside the connector; The external shield must be connected to ground on the pH-meter side.

Mounting a connector 9050

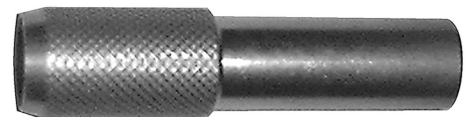
1/ Slide these 4 parts on the cable



2/ Fold back the shield to block it in the cone (it should never be in contact with the central wire)



3/ Weld the central wire onto the axial contact of the connector



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pH

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