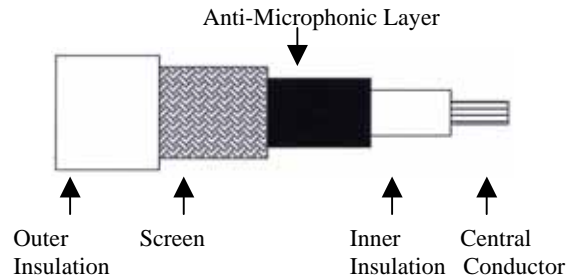


Techniques for Re-Terminating the Electrode Cable

The cable used for pH and ORP electrodes is a special screened low noise cable. The electrode is a high impedance device and is coupled to a high impedance measuring instrument.

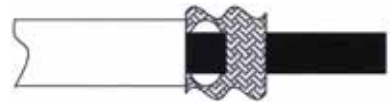
The cable incorporates a special conductive rubber material known as an anti-micro phonic layer. This prevents voltages being generated when the cable is moved or vibrated.



1) Bare cable back approx. 30mm



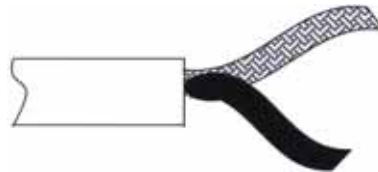
2) Push braided screen back



3) Make hole in braided screen using pointed tool, taking care not to break strands



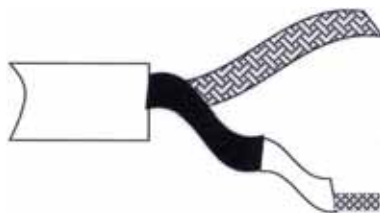
4) Using pointed tool, carefully pull inner core through hole



5) Pull/stretch braided screen



6) Carefully remove black conductive layer



7) Carefully remove white insulation



8) Optional.
Neaten up the connections by fitting heat-shrink insulation and bootlace connectors

Most electrode are supplied with a BNC connector fitted. It is often necessary to remove the BNC connector or shorten the cable suitable for connecting to screw terminals.

IMPORTANT: When re-terminating the cable, the anti-microphonic layer must be stripped back from the centre conductor to prevent a short circuit in the cable.