



## Cable Assemblies for the S600 and S222 Series of pH and ORP Electrodes

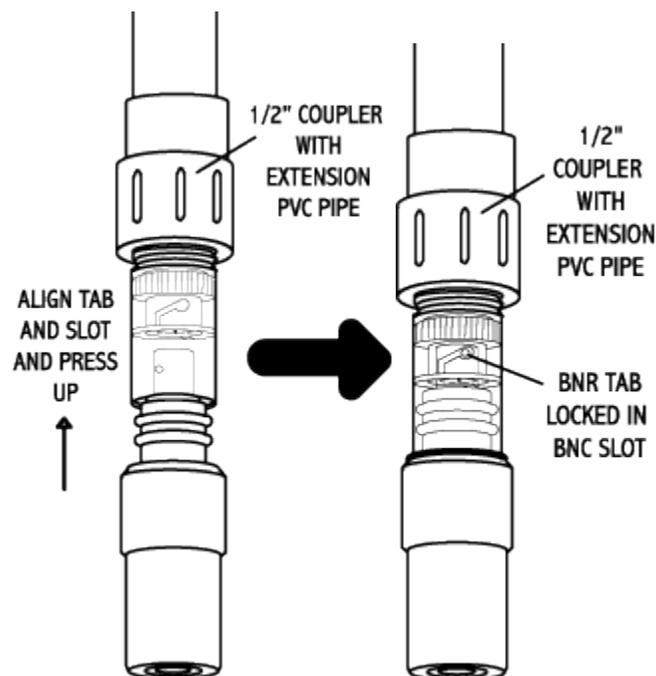
All pH and ORP electrodes in the S600 and S222 series are designed for easy maintenance, using cartridge-type combination electrodes and quick-disconnect BNC connectors. Electrode installation and removal can be done in just a few seconds and no tools are needed.

Several styles of Low Noise Co-Axial Cable Assemblies are available. Always specify your required cable length (up to 100 feet) and the connectors required to connect to *your* pH meter, preamplifier, or transmitter.

Most styles include a protected BNC connector that plugs onto the cartridge style electrode and seals securely against the electrode's leak tight O-ring.

For submersion style and non-ATC in-line, use Model S653.

Manufactured in CPVC, it has a 1/2" Male NPT thread permitting you to attach it to your 1/2" female coupling on your supporting pipe. This same part number is used for inline installations when you desire to install the cable in conduit



Temperature compensated versions for use with pipe Tees are available, and usually ordered with a specially modified flow cell (pipe T) from Sensorex. More information on the flow cells for [in-line](#) or [Side Stream](#) and Automatic Temperature Compensation (ATC) cables for [insertion](#) may be found in the linked product pages.

All cable assemblies are available with an optional polyurethane coating over the standard PVC outer jacket for water resistance. To order the extra heavy duty water resistant cable, add a "W" (e.g. S653W)

or 648W) to the part number. Please see [connectors and cable](#) for more information about our low noise cables.

The S653 may be ordered with an optional ATC sensor. If ATC is required for your system, order the S653TC (with CPVC material) and specify the required [ATC](#) , length of cable and [connectors](#).

Example: Complete ATC Cap Cable Assembly Part Number ..... "S653TC-P1K-20'-BNC-BW"

This cap cable uses ATC, ( a Platinum 1000 ohm RTD) 20 feet of cable, a BNC connector for the pH & REF, and Bare Wires for the TC cable. If you are not certain of the ATC, advise Sensorex of the make and model of the transmitter-controller you are using with the cable.

## CABLE ASSEMBLIES

<b>Part #</b>	<b>ATC ?</b>	<b>Style</b>
---------------	--------------	--------------

S653	No	Submersion/Conduit
------	----	--------------------

S653TC	Yes	Submersion/Conduit with TC
--------	-----	----------------------------

S653K	No	Submersion/Conduit - PVDF Body
-------	----	--------------------------------

S653TK	Yes	Submersion/Conduit with TC - PVDF Body
--------	-----	--

Ext Cable	No	Extension Cable - Specify each End connection and cable length
-----------	----	--

**Note:** Inline and insertion assemblies have cable included in hardware. Please refer to

[in-line](#) or [Insertion](#) mounting sections for details and specifications.