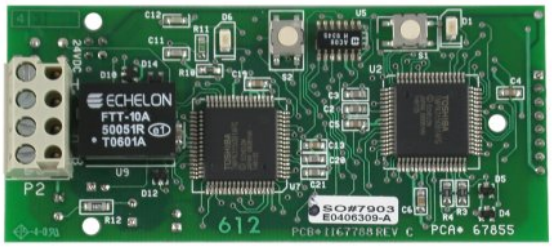
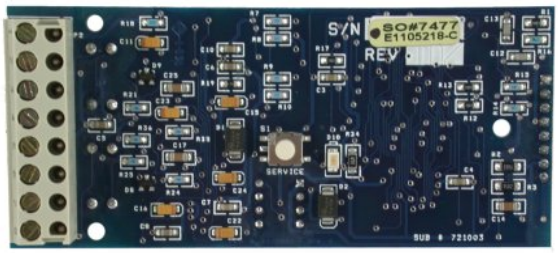
2000 SERIES OPTIONS AND NODES

	**NIN** **PART NO. 1220810** The NIN is the Network Interface Node. It is used to connect any external nodes to a 2000 series controller. Includes three standoffs for mounting. This option is included with the 2800e series.
	**35L** **PART NO. 1109657** The 35L option card provides two channels of isolated or non-isolated 4-20 mA output from a 2000 series controller. Includes three standoffs for mounting.
	**RS2L** **PART NO. 1109658** The RS2L option card provides an RS232 communications output for use with the WEBNode, modem, or direct connect to a computer. This option card comes with a 9-pin DCE connector, a 25-pin DTE connector, a 25 ft phone cable, and the LRWS software package. Includes three standoffs for mounting.
	**2KIN-V1** **PART NO. 1235230** The 2KIN-V1 option card allows a 2000 series controller to be attached to a LonWorks twisted pair network using FTT 10. It is one-way communications to the controller. Includes three standoffs for mounting.

NODES

	**NCON** **PART NO. 1168513** The Node, Conductivity (NCON) is a single channel of conductivity input to a 2000 series controller. A maximum of four NCON options can be used. A conductivity sensor must be ordered separately. The NIN option card is required for operation.
	**NPH** **PART NO. 1104522** The Node pH (NpH) is a single channel of pH or ORP input to a 2000 series controller. A maximum of four NpH options can be used. A pH or ORP sensor must be ordered separately. The NIN option card is required for operation.
	**NDIG** **PART NO. 1165667** The Node, Digital Input (NDIG) is four channels of digital input to a 2000 series controller. The first two channels can be used as additional water meter inputs. This node can be used for drum switch inputs. A maximum of two NDIG options can be used for a total of eight digital inputs. The NIN option card is required for operation.
	**N420I** **PART NO. 1169706** The Node, 4-20 mA Input (N420I) is four channels of 4-20 mA input to a 2000 series controller. A maximum of two N420I options can be used for a total of 8 channels of 4-20 mA input. The NIN option card is required for operation.

	**NRLY W/RECEPTACLES** **PART NO. 1268833** The Node, Relay (NRLY) is four relay outputs in a NEMA 4X enclosure from a 2000 series controller with a power cord and receptacles. The relays are pre-wired for 120 vac output. The NRLY power cord and receptacles can be removed for conduit connections and dry contacts. A maximum of two NRLY options can be used. The NIN option card is required for operation.
	**NCKT** **PART NO. 1169439** The Node, Conductivity Kit (NCKT) is a four-electrode conductivity sensor, a 3/4 inch solvent-weld plumbing assembly, and an NCON with a NEMA 4X enclosure.
	**PS** **PART NO. 1107251** The Power Supply (PS) is used to provide the +24 vdc to the 2000 series add-on nodes such as the NCON, NRLY, NpH, or NDIG. A PS is required if more than two nodes are attached to a 2000 series controller. This power supply is <u>not</u> necessary when using nodes with a 2800e series controller.

COMMUNICATIONS ACCESSORIES

WEBNODE
PART NO. 1268972

The Lakewood Instruments WEBNode connects the 2000 series -RS2L option card to Ethernet networks using the IP protocol family and the Transmission Control Protocol (TCP).

EZWEB WIRELESS
PART NO. 1268976

The Lakewood Instruments EZWEB WIRELESS Internet Interface consists of a (Plug and Play) integrated HUB /Router and an EVDO Rev A (3G) wireless connection and connects up to four WEBNodes to the internet through a static IP. It also allows a wireless WLAN connection to the internet. The EZWEB requires a 1 year service agreement, part number 1268977.

CABLE AND CONNECTORS KIT
PART NO. 1169333
PHONE CABLE 25 FT.
PART NO. 1166336
9-PIN DCE CONNECTOR
PART NO. 1167764
25-PIN DTE CONNECTOR
PART NO. 1167765

The phone cable and connectors kit includes the phone cable and both the 25-pin DTE connector and the 9-pin DCE connector for use with the RS2L option card.