![Laurel Electronics, Inc. logo] **LAUREL** ELECTRONICS, INC.

Laureate Cable Assemblies
**Pre-built cables so that users don't have to build their own.
Cables can be used for programming and for data transfer.**

CBL01

Custom cable to connect the RS232 port of a PC to a Laureate meter with the RS232 option board. Can be used with CBL02 to connect the USB port of a PC to a Laureate meter with an RS232 option board. Note that all Laureate communication ports are optically isolated.

Connector to PC ....DB9 female
Connector to meter RJ11
Length .... 7 ft (2 m)
Color...Gray

CBL02

USB-to-RS232 adapter cable. The combination of CBL02 and CBL01 connects the USB port of a PC to a Laureate meter with an RS232 option board. The combination of CBL02 and CBL04 connects the USB port of a PC to the RS232 port of a Laureate LT transmitter (also see CBL07). Note that all Laureate communication ports are optically isolated.

Connector to PC .... USB Type A
Connector to CBL01 or CBL04.................................... DB9 male
Length ....1 ft (30 cm)
Color ....Silver

CBL03

Straight-through 6-wire data cable, not a 4-wire telephone cable or crossover cable. Allows the dual RJ11 jacks of the RS485 option board of Laureate meters (digital interface ordering option 2) to be daisy chained and be addressed digitally with no need for a hub. Available in 1 and 7 foot lengths. Note that all Laureate communication ports are optically isolated.

Connectors to RS485 port s RJ11
Length, P/N CBL03-1 .... 1 ft (30 cm)
Length, P/N CBL03-7 .... 7 ft (2 m)
Color...Gray

CBL04

Connects the RS232 port of a PC to the RS232 port of a Laureate LT transmitter. Can be attached to CBL02 to connect the USB port of a PC to the RS232 port of a Laureate LT transmitter (also see CBL07). Note that all Laureate communication ports are optically isolated.

Connector to PC .... DB9 female
Connector to transmitter ....Two 3-position jacks
Length .... 7 ft (2 m)
Color .... Gray

CBL05

A-to-B USB cable for meters. Connects the USB port of a PC to the USB port of a Laureate meter with the USB option board. Note that all Laureate communication ports are optically isolated.

Connector to PC ....USB Type A
Connector to meter ....USB Type B
Length .... 6 ft (1.8 m)
Color ....Black

CBL06

USB-to-RS485 adapter cable for meters. Connects the USB port of a PC to a Laureate meter with the RS485 option board with dual RJ11 jacks (digital interface ordering option 2). Half duplex. Use of CBL03 cables allows up to 31 Laureate meters to be daisy chained and be addressed digitally with no need for a hub. Note that all Laureate communication ports are optically isolated.

Connector to PC .... USB Type A
Connector to meter RS485 port RJ11
Length ....5 ft (1.5 m)
Color .... Black

To use CBL06, download the "FT232R USB UART" driver from the "VCP Drivers" section of www.ftdichip.com. To look up the Com Port assigned by your computer to CBL06, click on Start > Settings > Control Panel > System & Hardware > Device Manager > Ports (COM & LPT).