

**Computer Interface Cable P/N 2200-150**

This cable is included as a standard accessory with the C3 and C6P. It is used to program and communicate using C-Soft and provide real-time data view. It is used for updating firmware and has a RS232 connector. This cable is **NOT** recommended for serial data output. It can **NOT** be used with the Digital Convertor Kit. The cable length is approximately 2.5 feet.



**Continuous Data Cable P/N 2200-160**

This can be identified by the yellow band of heat shrink. The continuous data cable is used to connect the C3 and C6P to a PC or data logger for continuous data capture. This cable is recommended for serial data output as it prevents interruptions in the fluorometer data transmission to the PC. It can **NOT** be used for updating firmware. It can **NOT** be used with the Digital Convertor Kit. The cable length is approximately 2.5 feet.



yellow heat shrink

**Communication and Integration Cable P/N 2300-115**

This cable is included as a standard accessory included with the C3 and C6P. This cable works with the Computer Interface Cable P/N 2200-150 allowing users to upload firmware to the instrument using the USB. Either the USB or RS232 male plug can be used to communicate and configure the instrument. It can also be used with Continuous Data Cable P/N 2200-160 to stream data. It can **NOT** be used with the Digital Convertor Kit. The cable length is approximately 2 feet.



**Extender Cables**

- ◆ 10 Meter P/N105-2595 shown
  - ◆ 25 Meter P/N105-2596 requires P/N 2200-905
- These cables are optional accessories for the C3 and C6P. They allow the C3 and C6P to be deployed at a variety of depths.



**Digital Convertor Kit P/N 2200-905**

This is an optional accessory for the C3 and C6P and is required for cable lengths greater than 10 meters. The kit consists of the Digital Convertor P/N 2200-906 and Digital Convertor Interface Cable P/N 2200-907. The kit supplies a stable power source and maintains data connection with the fluorometer for deployment depths greater than 10 meters. Interface Cable P/N 105-2590 is required for towed deployment applications otherwise the battery bracket is recommended.



**Interface Cable with Locking Sleeves P/N 105-2590**

This cable is an optional accessory for the C3 and C6P. It is intended for deployments in stand alone mode. This cable is a required component for SMART and towed deployment applications that use the Digital Convertor Kit P/N 200-905.

**Note: When using this cable to connect to the battery, the battery bracket is not required. Use of the battery bracket is recommended when possible as it provides stability for the connection.**



**+12 VDC Power Supply P/N 7000-941**

This is included as a standard accessory with the C3 and C6P. The power supply connects to the power connector on the interface or continuous data cable which will supply power to the fluorometer. This includes a US line cord P/N 046-0400. If you require another style line cord please specify:

P/N 046-0108 - UK

P/N 046-0125 - Australia

P/N 046-0150 - Europe



**+12 VDC Power Supply Car Adaptor P/N 2900-151**

This is an optional accessory for the C3 and C6P. This cable connects to the power connector on the interface or continuous data cable and a car cigarette lighter receptacle or other similar receptacle.



**DC Power Cable P/N 2200-163**

This is an optional accessory and allows the user to power the C3 or C6P with a DC power supply if AC power is not available. The red shrink-wrapped lead should be connected to positive (+) and the black lead should be connected to negative (-). The cable length is approximately 2 feet.



**24" Pigtail Interface Cable with Locking Sleeve P/N 2200-170**

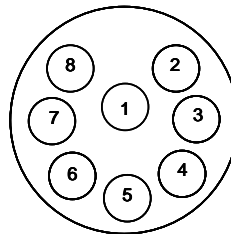
This cable is an optional accessory for the C3 and C6P. It can be used to connect the C3 or C6P to a datalogger and/or external power source that the user must wire themselves, replacing the standard interface and continuous data cables. Extra care should be taken with this cable to make sure all wiring specifications are strictly followed.



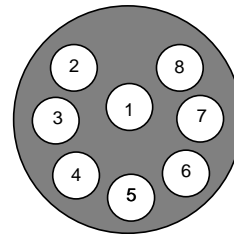
Pin	Color	C3 Function
1	Black	V BATT (+)
2	White	V BATT (-)*
3	Red	GND*
4	Green	RX
5	Blue	TX
6	Brown	N/A
7	Yellow	N/A
8	Orange	N/A

\*Power ground and V BATT (-) are not common

C3 and C6P pins



C3 and C6P cable holes



**C3 Analog Adapter P/N 2300-480**

This is an optional accessory and allows users to convert the standard digital output from the C3 Submersible Fluorometer to a 0 - 5 VDC analog signal. The Adapter can convert the signal from 1, 2, or 3 channels installed on a C3.



**Pigtail Cable with Locking Sleeve – C3 only**

- ◆ 2 foot Pigtail Cable with Locking Sleeve P/N 2100-750 shown
- ◆ 5 Meter Pigtail Cable with Locking Sleeve P/N 2100-755
- ◆ 10 Meter Pigtail Cable with Locking Sleeve P/N 2100-751
- ◆ 25 Meter Pigtail Cable with Locking Sleeve P/N 2100-752

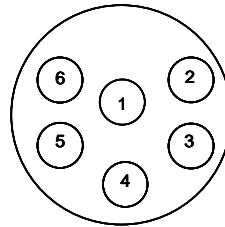


These cables are required for use with the C3 Analog Adapter P/N 2300-480.

They connect to the Analog Adapter's 6-pin male end and have six bare wire leads to be used for integrating with CTDs or third party dataloggers.

Pin	Color	Function
1	Red	V BATT (+)
2	Black	V BATT (-)
3	White	Analog Out 1 (0-5 VDC)
4	Green	Analog Out 2 (0-5 VDC)
5	Blue	Analog Out 3 (0-5 VDC)
6	Brown	Analog GND

Analog Adaptor pins



Pigtail cable holes

