

## **Installing the OBLink Hardware**

You have received equipment which will enable you to transmit data from the ultrasound machine directly into the OB-Windows Reporting Software on your computer. This requires some installation and configuration of both the hardware and the software on both the ultrasound machine and the computer.

The equipment consists of:

- ◆ One RJ45 to DB25 connector. (Female)
- ◆ One RJ45 to DB25 connector. (Male)
- ◆ One Optical Isolator.
- ◆ One Power Supply Adapter
- ◆ One Power Supply (For Optical Isolator)
- ◆ One 9 to 25 Pin Adapter
- ◆ One Parallel to Serial Converter (With Power Supply)
- ◆ One Printer Cable
- ◆ Two 15' Lengths Category 5 cabling. (RJ45 to RJ45)

### **Computer Connection Instructions**

The Optical Isolator, Power Supply Adapter, RJ45 to DB25 connector. (Female), and 9 to 25 Pin Adapter will come assembled. (See Diagram). The Optical Isolator is the long Black module with DTE/DCE written on either end.

1. Plug the 9 Pin plug into the Serial Port of the Computer.
2. Attach the RJ45 to RJ45 network cable into the RJ45 to DB25 connector.
3. Attach the RJ45 to RJ45 network cable to the terminated network drop provided by your site or to the Male RJ45 to DB25 Connector on the Ultrasound Machine (if ultrasound is in close proximity)
4. Plug the Power Supply into the Power Supply Adapter.

### **Ultrasound Connection Instructions**

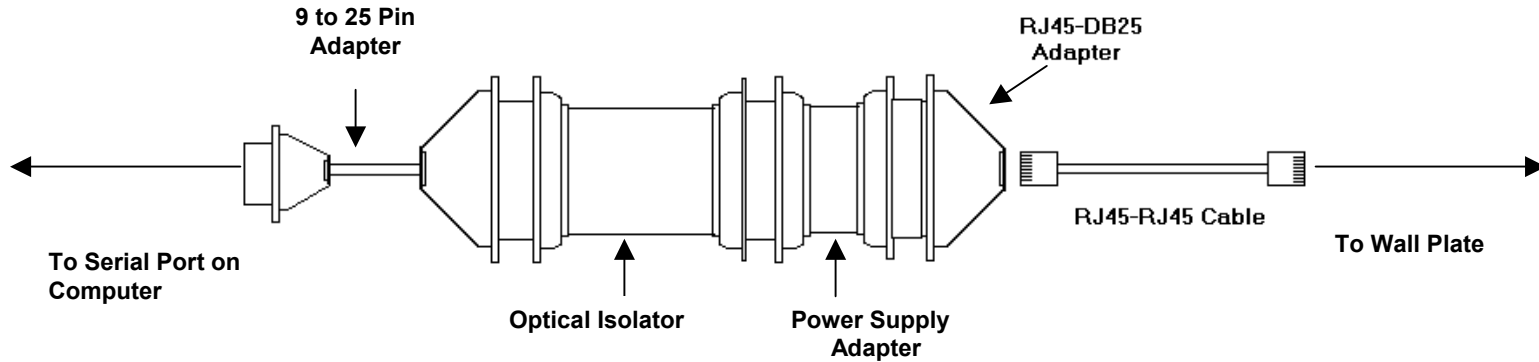
The Male connector will be in the box with the Parallel to Serial Converter.

1. Attach it to the DB25 plug on the Parallel to Serial Converter.
2. Attach the Power Supply to the Parallel to Serial Converter.
3. Attach printer cable to the Parallel to Serial Converter .
4. Connect the printer cable to the printer port of the Ultrasound Machine.
5. Attach the RJ45 to RJ45 network cable into the RJ45 to DB24 connector.
6. Attach the RJ45 to RJ45 network cable to the terminated network drop (provided by your site or to the Female RJ45 to DB25 Connector on the Computer)

The RJ45 to RJ45 network cable may be installed with a network drop and terminated with wall plates by your IS staff. If the ultrasound is in the same room it may not be necessary to make a network cabling drop through the wall depending on the distance between the Ultrasound Machine and the Computer. One cable may be used to attach the connectors. If a longer cable is desired you can substitute it with Standard Cat 5 network cable.

## Attaching the Optical Isolator

### At the Computer



### At The Ultrasound Machine

