



Universal Coax 10Base2 Micro-ceiver

The Ethernet10Base2 Micro-ceiver (transceiver) provides a simple and inexpensive means for connecting to your Ethernet network. The Universal Micro-ceiver, part number E-CX-MC01(B), is a 10Base2 thin coaxial transceiver (AUI to BNC)

INSTALLATION INSTRUCTIONS

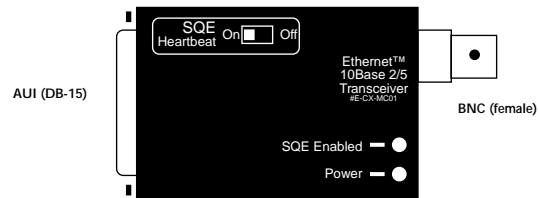
Connecting the Coax Micro-ceiver to the Network:

First connect the Micro-ceiver to the AUI port on the Ethernet card or repeater (Note: The Micro-ceiver can be attached to an AUI cable which is connected to a card or repeater, maximum AUI cable distance is 50 meters or 165 feet). In a thin coax installation the next step is to insert a coax BNC "T" connector, (not provided) onto the female end of the Micro-ceiver. DO NOT use a coax segment directly from the Micro-ceiver either to another card or to the BNC "T", this can cause excessive faults on your network and is not recommended. Using the BNC "T" you can now connect directly to the thin coax network either at the end of the segment or in the middle.

The following installation criteria must be met:

- For a thin coax segment the cable must not exceed 185 meters or 606 feet
- Be sure the SQE switch is in the correct position for the application
- Not more than 30 Micro-ceivers can be placed on a segment
- The Micro-ceivers must be placed at least 0.5 meters apart
- The coax segment must be terminated at each end with a 50 ohm terminator
- Make sure that all of the connections are properly latched before starting up the device(s)

When connecting the Micro-ceiver to a hub or repeater, the SQE switch must be in the OFF position. When connecting the Micro-ceiver to an Ethernet card or workstation, the SQE switch must be in the ON position.



SQE Heartbeat:

Enable - The SQE switch should be enabled (ON) when the Universal Micro-ceiver is connected to a DTE or workstation.

Disable - The SQE switch should be disabled (OFF) when connected to the AUI port of an Ethernetrepeater such as the model 1003 10BaseT hub.

FCC APPROVAL: This equipment has been tested and found to comply with the limits for a class A digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference, in which case, the user will be required to correct the interference at his own expense.