



Niobrara EC29D

The Niobrara EC29D is used to eavesdrop on Square D® SY/MAX® 9-pin RS-422 ports. It is primarily intended for use with a personal computer running monitoring software to troubleshoot serial communications.

The cable has an RS-422 end, which has a “Tee” style connector containing a 9-pin male DB9 connector on one side, and a 9-pin female DB9 connector on the other. At the other end of the cable are 2 RS-232 female DB9 connectors for connection to a PC.

Installation:

Connect the “Tee” connector between the two SY/MAX peer devices. Connect the RS-232 connectors to two serial ports of a personal computer. Connect the cord from the AC adapter to the 3.5mm power jack on the back of the appropriate RS-232 backshell and plug the adapter body into a 120VAC 50/60 Hz outlet.

Pinouts:

“Tee” Female DB9		“Tee” Male DB9	
Tx- 1	—————	Tx- 1	————— Rx- of COM1:
Tx+ 2	—————	Tx+ 2	————— Rx+ of COM1:
Rx- 3	—————	Rx- 3	————— Rx- of COM2:
Rx+ 4	—————	Rx+ 4	————— Rx+ of COM2:

RS-232 Female DB9's	
2	————— RXD (data into PC)
5	————— GND

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