



# Niobrara EC29S

The Niobrara EC29S is used to eavesdrop on common 9-pin RS-232 ports. It is primarily intended for use with a personal computer running monitoring software to troubleshoot serial communications.

The cable has an RS-232 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 RS-232 devices. Connect the RS-232 connectors to two serial ports of a personal computer.

### Pinouts:

“Tee” Female DB9		“Tee” Male DB9		
Rx 2	—————	Rx 2	—————	Rx of COM1:
Tx 3	—————	Tx 3	—————	Rx of COM2:
GND 5	—————	GND 5	—————	GND of both COM: Ports

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

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