



Niobrara SA9F

The Niobrara SA9F is a gender changer/null modem intended to connect a SY/MAX[®] compatible RS-422 cable such as the Niobrara **DC1** or CC-100 to another similar cable while providing full RTS/CTS handshaking capabilities. The 9-pin female D-subminiature connectors feature SY/MAX compatible slide lock posts like those used on SY/MAX serial ports.

The SA9F is supplied in a double ended backshell; either end can be connected to either cable.

Installation:

1. Connect one 9-pin connector of the SA9F to a compatible RS-422 cable or port.
2. Connect the other 9-pin connector to a compatible RS-422 cable or device.
3. Refer to documentation for the connected products.

Cable Pinouts:

Both ends of the SA9F are compatible with SY/MAX RS-422 cables, whether or not they support active handshaking. These cables include the **SC902**, **DC1**, **DC2**, **MD422**, and **ID422**. The internal connections of the SA9F are as follows:

