



Niobrara DC7 Cable

The Niobrara DC7 Cable is intended to connect a SY/MAX[®] RS-422 port to a 4-wire RS-485 device (functionally equivalent to a 6 foot CAB107 cable) or to connect a personal computer with an SFI3xx card to an RIU10 for connection to a Model 50 network (functionally equivalent to a 6 foot CC-106 cable).

The standard DC7 is 6 feet long but it can be supplied in any length up to 2,000 feet. To order a custom length DC7 use the part number DC7-xx where xx is the length of the cable in feet. There is an additional charge for custom length cables; see price list for more information.

Installation:

1. Connect the 9-pin connector to an RS-422 port on the SY/MAX PLC, SY/LINK[®] card, SFI3xx card, Module, NIM, SOI, or other RS-422 device.
2. Connect the stripped and tinned end of the cable to the compatible RS-422/RS-485 device.
3. Refer to documentation for the connected products.

Cable Pinouts:

The 9-pin connector end of the DC7 is compatible with SY/MAX RS-422 ports. Hardware handshake lines are jumpered. The connections of the DC7 are as follows:

DB9 End	Stripped & Tinned End
TX- 1	White (to RX-)
TX+ 2	Green (to RX+)
RX- 3	Black (to TX-)
RX+ 4	Red (to TX+)
5	
6	
7	
8	
9	no connection