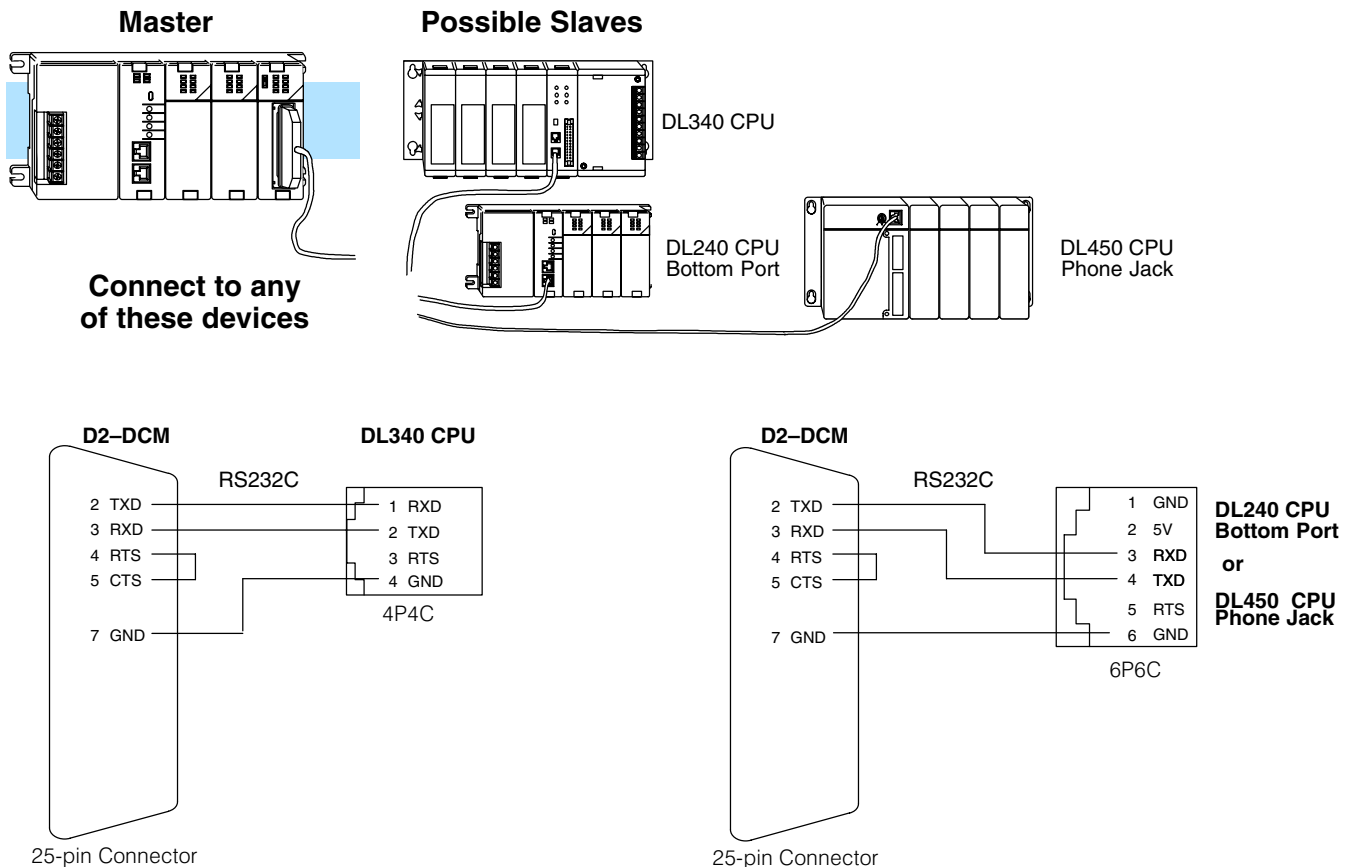
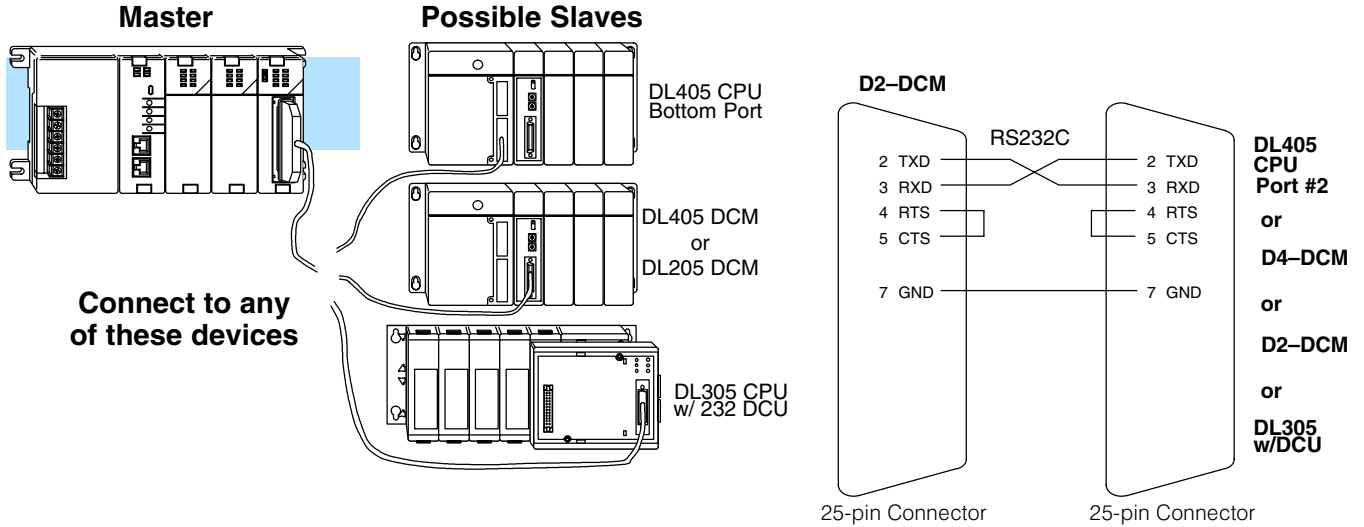


Cable Diagrams

Point-to-Point RS232C D2-DCM as Master

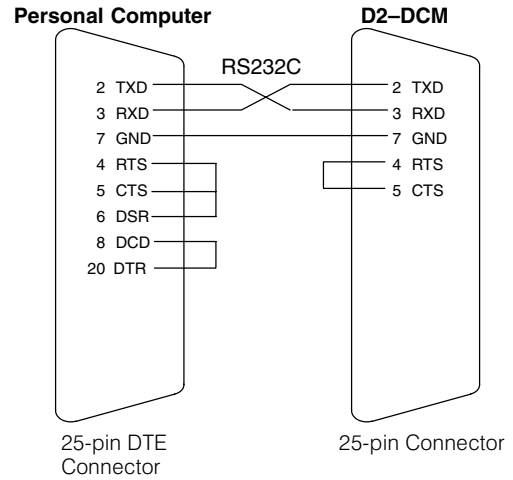
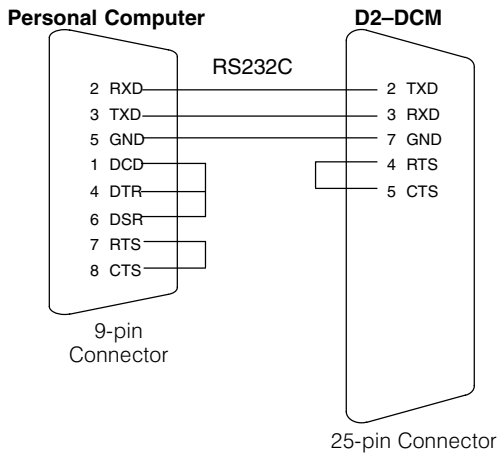
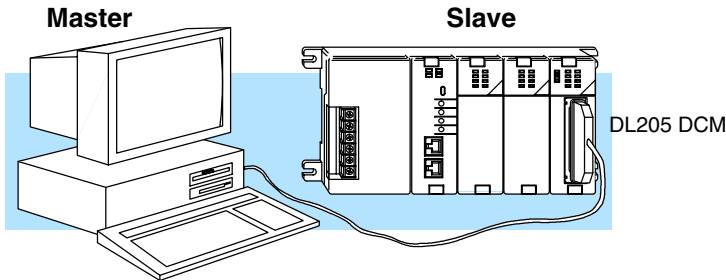
These diagrams show the D2-DCM being used as the network master. The cable diagram is the same when the D2-DCM is being used as a slave (for those connections that could have the master/slave roles reversed). This is true for the:

- D2-DCM to D4-DCM connection
- D2-DCM to DL305 CPU with RS232C DCU (or a D3-340 bottom port)
- D2-DCM to DL405 CPU connection when used with a D4-450 CPU.



**Point-to-Point
RS232C
PC as Master**

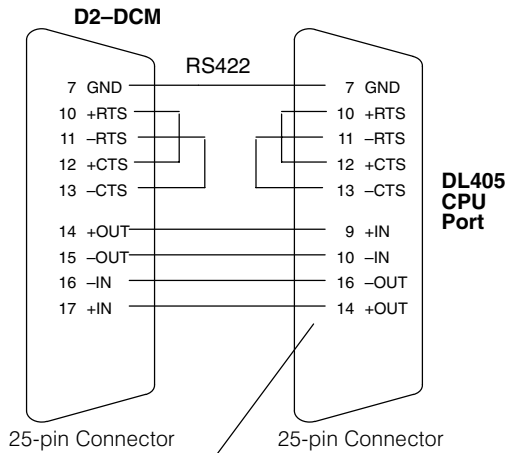
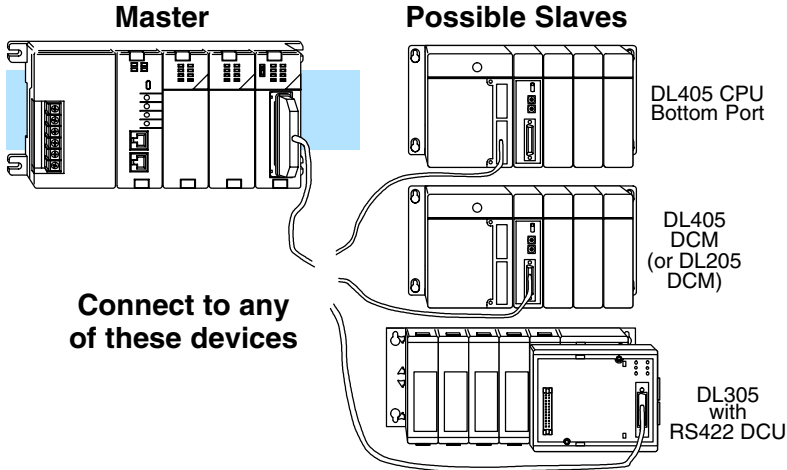
These diagrams show the D2-DCM being used as a slave to a personal computer. The personal computer would have to be capable of issuing commands using either *DirectNET* or MODBUS RTU protocol. A good example of this would be a personal computer running an Excel spreadsheet connected through our DSData Server. (Sounds complicated, but it's really quite simple! Check out our catalog for more information on our powerful DSData Server.)



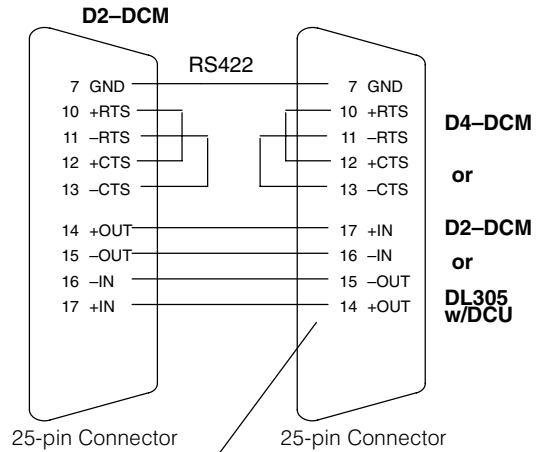
Point-to-Point RS422 D2-DCM as Master

These diagrams show the D2-DCM being used as the network master. The cable diagram is the same when the D2-DCM is being used as a slave (for those connections that could have the master/slave roles reversed). This is true for the:

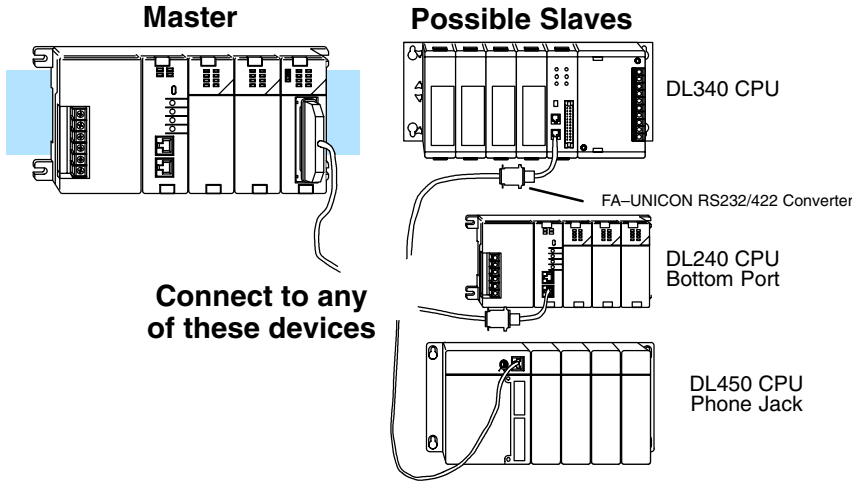
- D2-DCM to D4-DCM connection
- D2-DCM to DL405 CPU connection when used with a D4-450



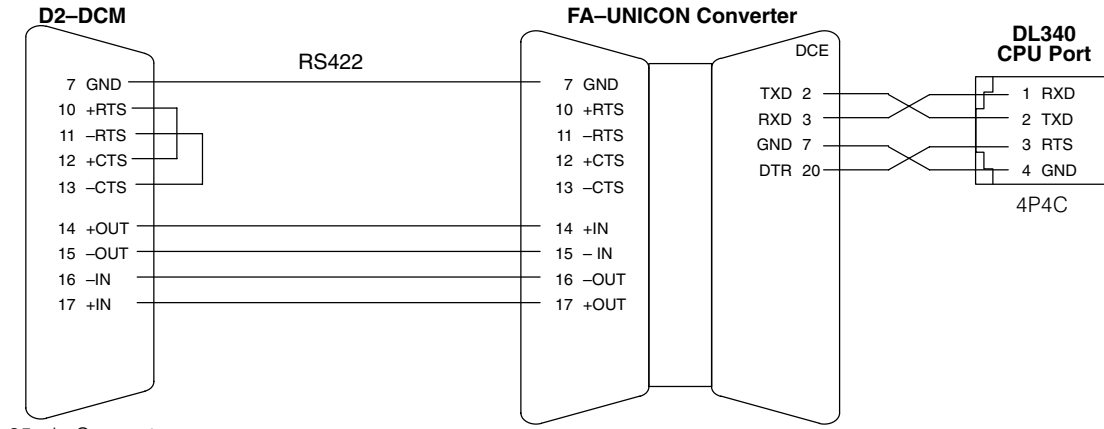
Note: Pin numbers are correct. Pins are shown out of order because it makes the drawing easier to comprehend.



Note: Pin numbers are correct. Pins are shown out of order because it makes the drawing easier to comprehend.

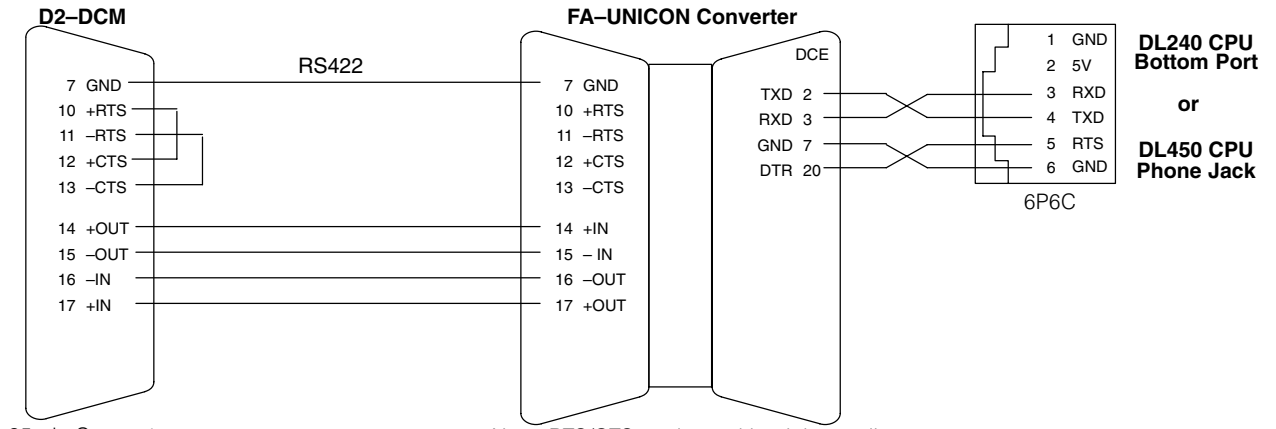


Slave Connection



Note: RTS/CTS are looped back internally

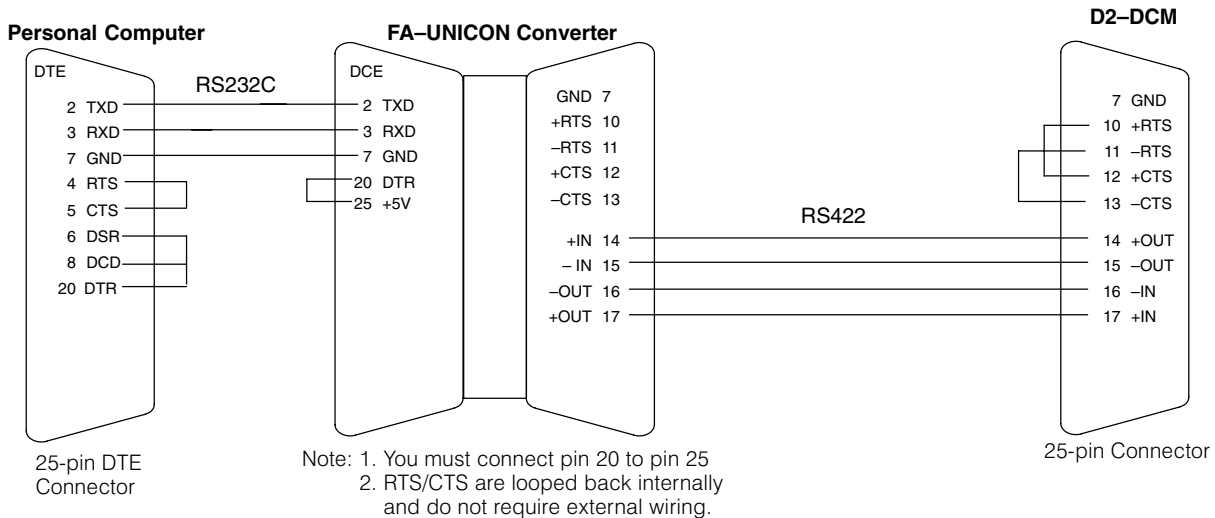
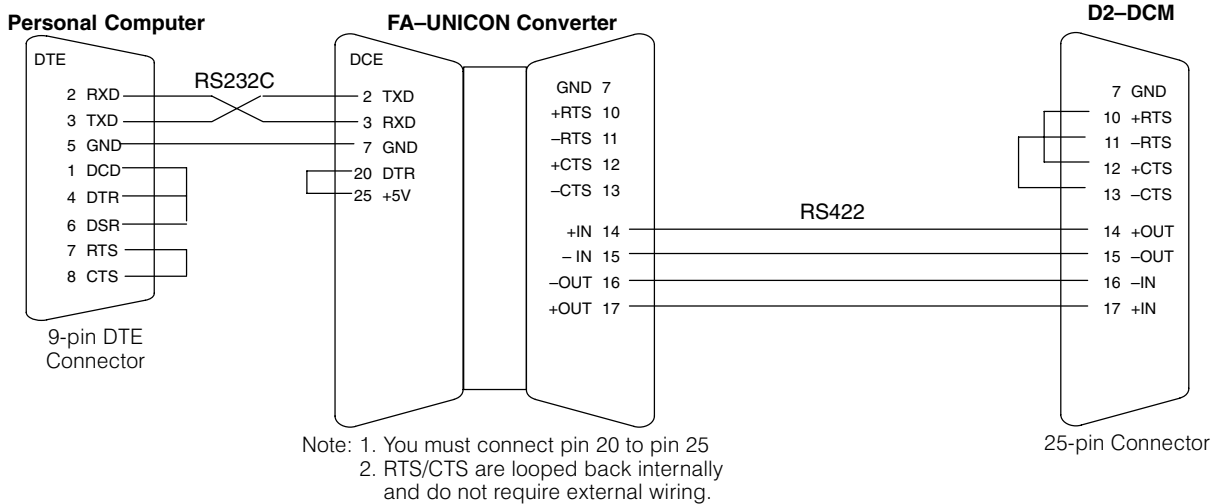
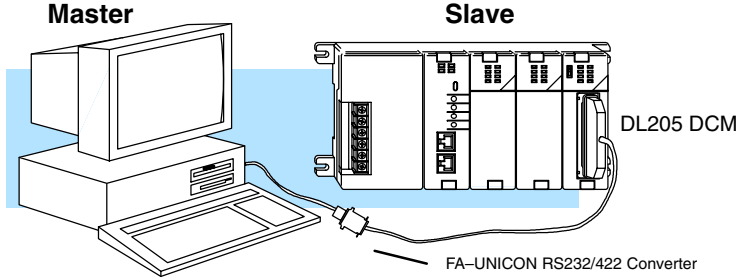
Slave Connection



Note: RTS/CTS are looped back internally

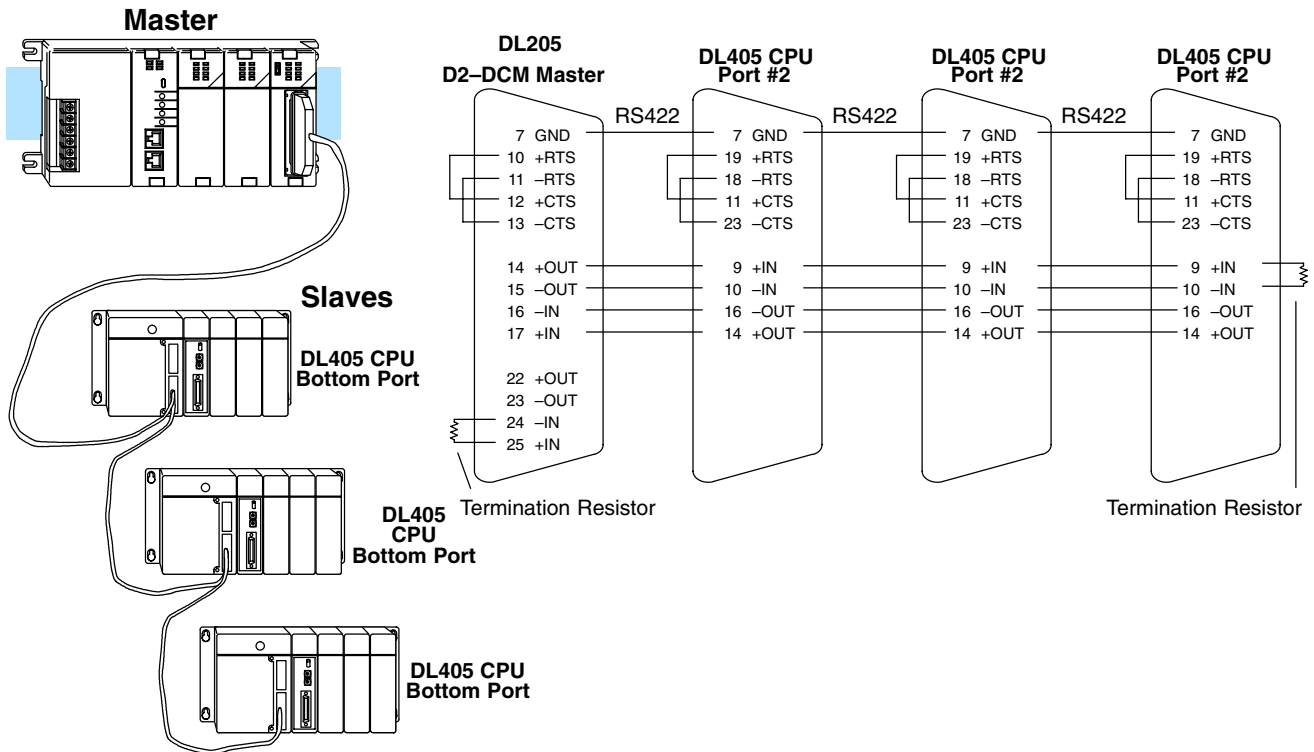
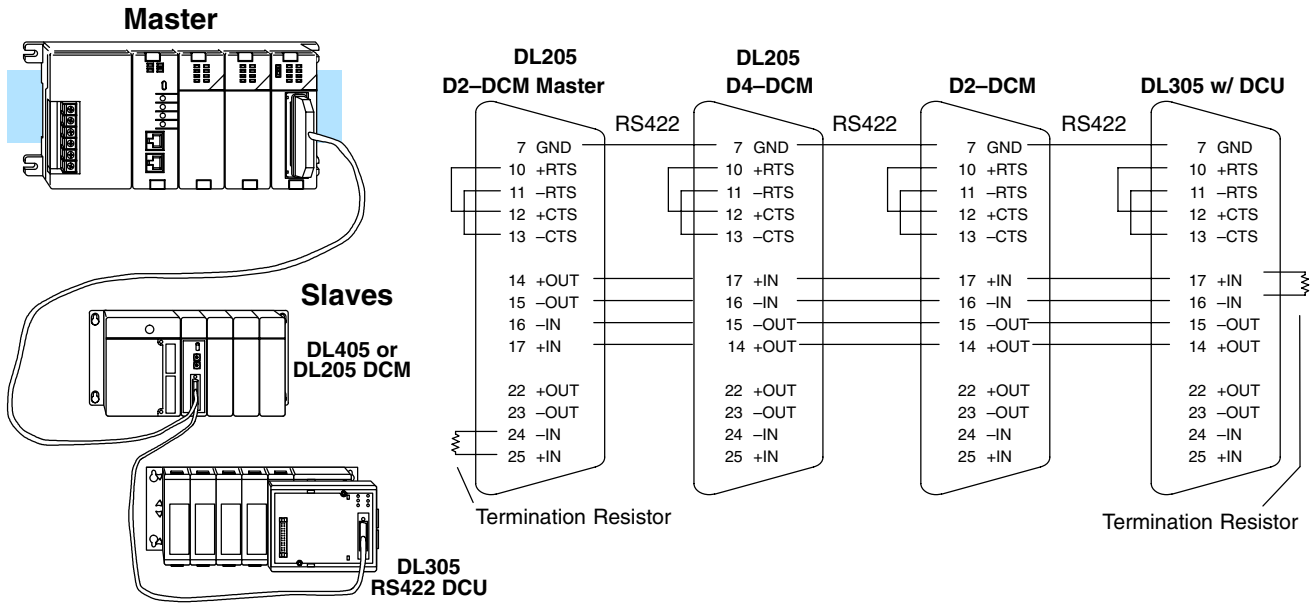
Point-to-Point RS422 PC as Master

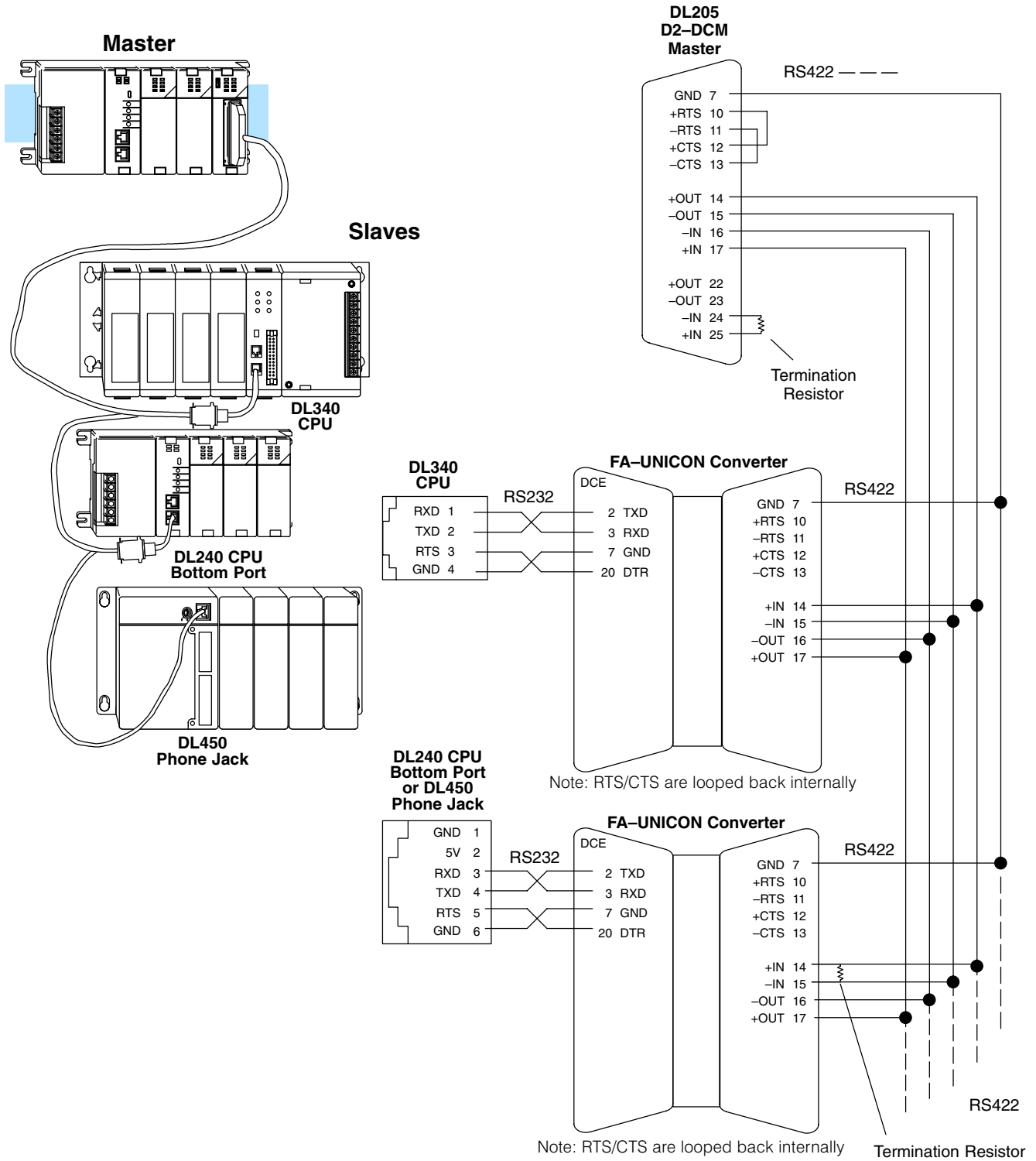
These diagrams show the D2-DCM being used as a slave to a personal computer. Since most personal computers come with RS232C communication cards, we have shown an FA-UNICON RS232/422 Converter being used to convert the signal. The personal computer would have to be capable of issuing commands using either **DirectNET** or MODBUS RTU protocol.



**Multidrop
RS422
D2-DCM as Master**

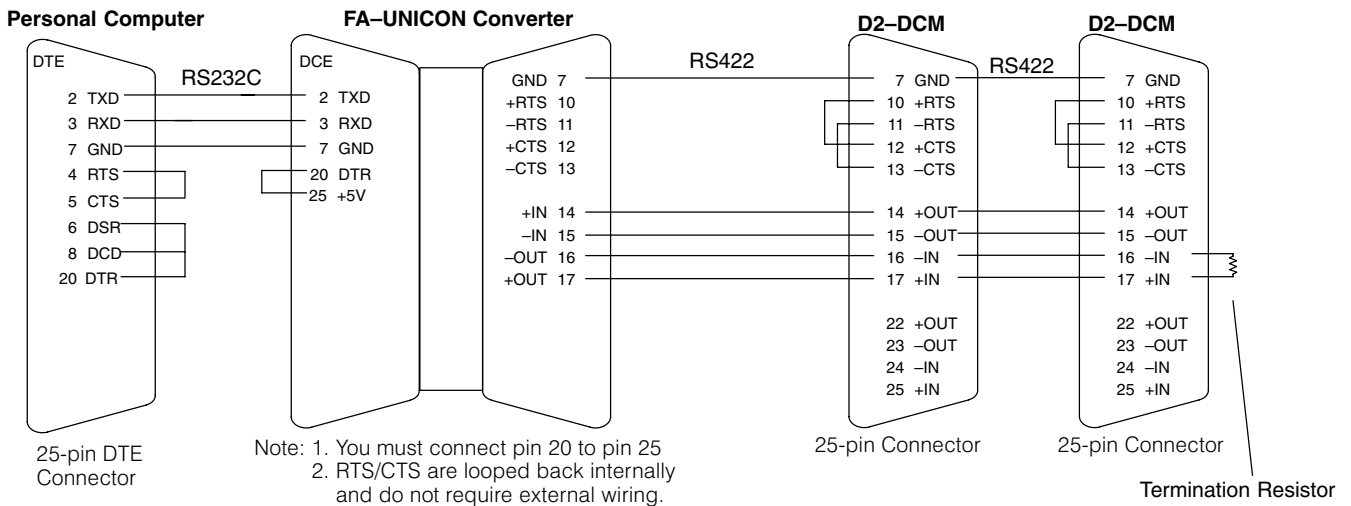
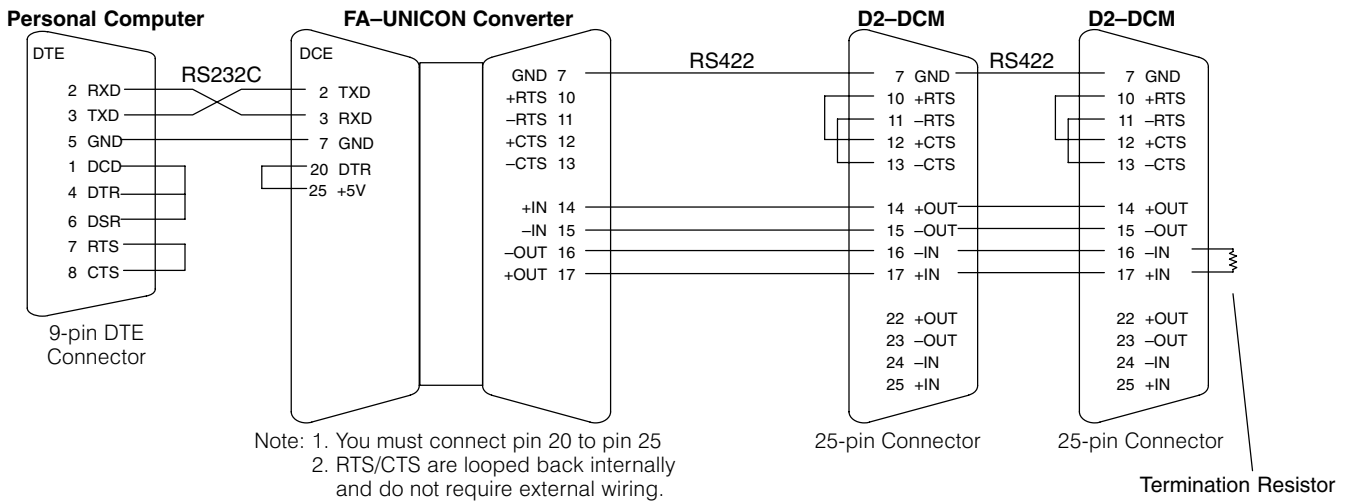
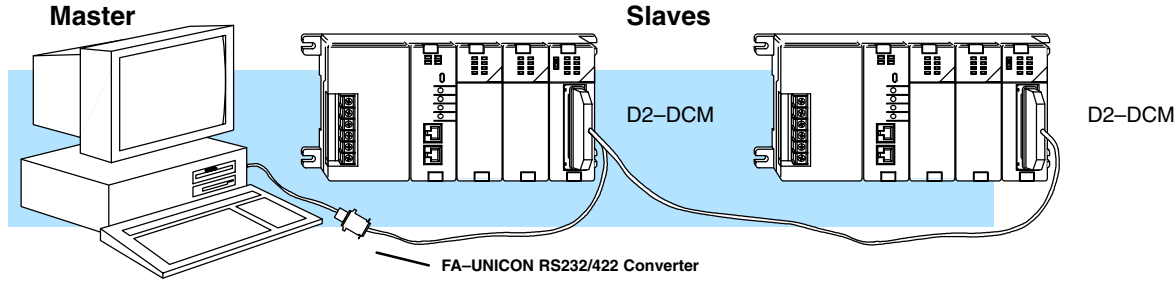
These diagrams show the D2-DCM being used as the network master for a network consisting of various PLC stations using D2-DCMs, CPU ports, etc..





**Multidrop
RS422
PC as Master**

These diagrams show how to connect a network of D2-DCMs to a personal computer.



DV-1000 Cable

Use the following cable diagram to connect a DV-1000 to D2-DCM. This is still a simple master/slave connection, but the DV-1000 is the master and initiates the data exchange with the D2-DCM.

