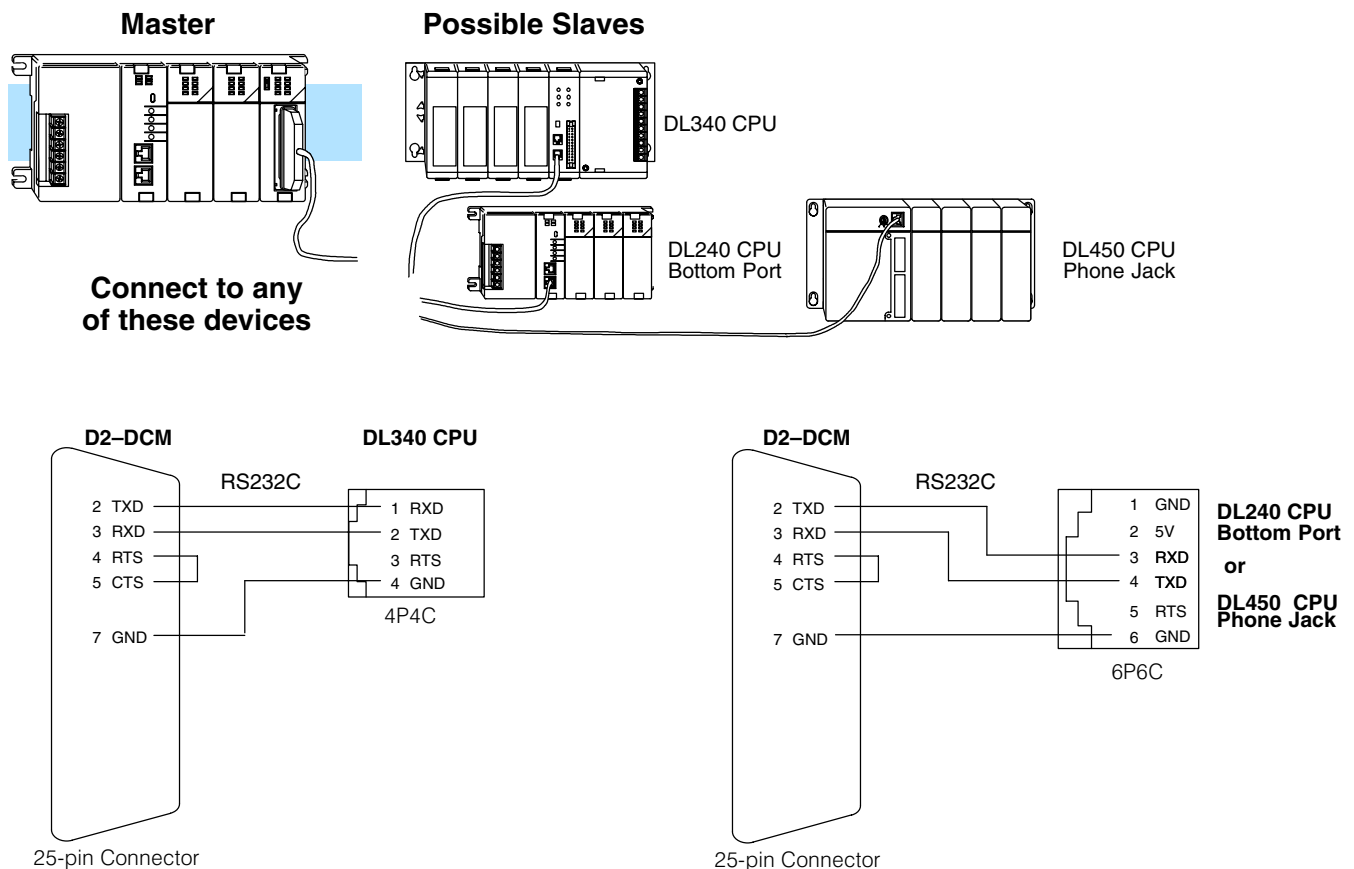
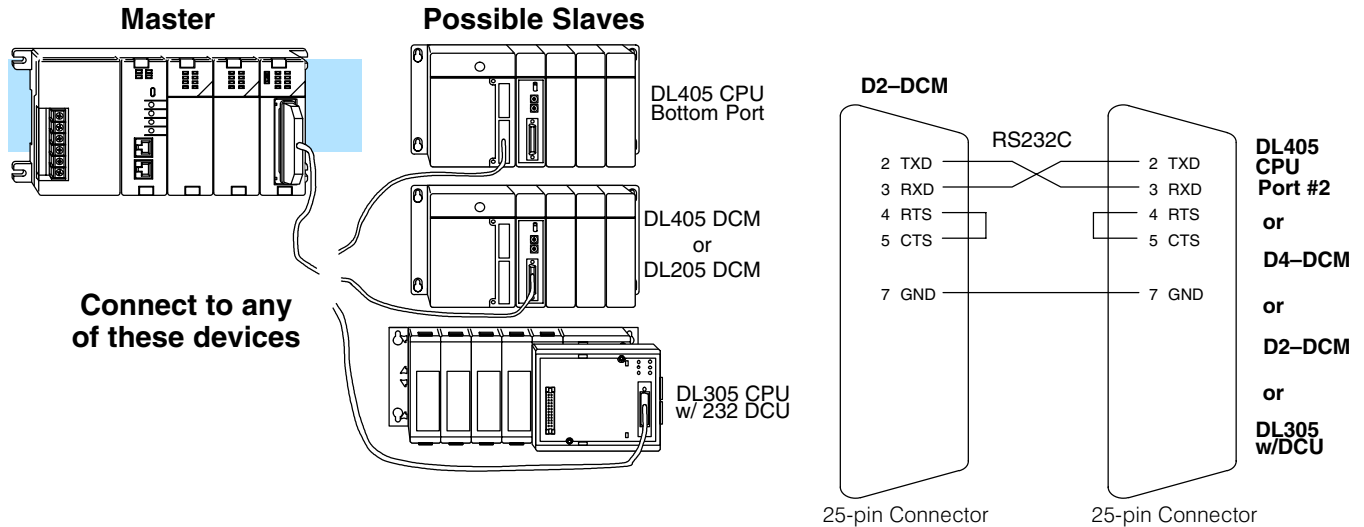


Cable Diagrams

**Point-to-Point
RS232C
D2-DCM as Master**

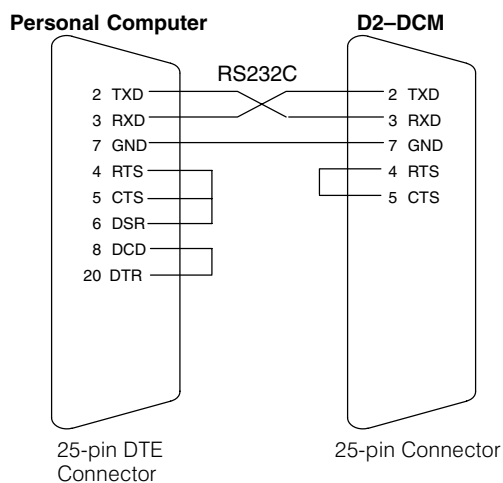
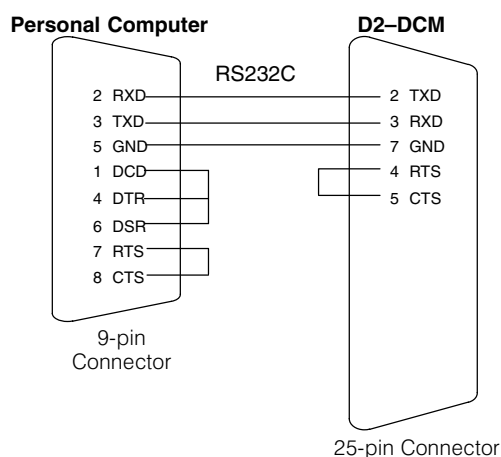
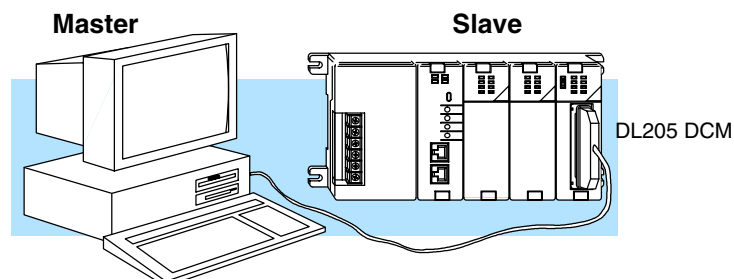
These diagrams show the D2-DCM being used as the network master. The cable diagram is the same when the D2-DCM is being used as a slave (for those connections that could have the master/slave roles reversed). This is true for the:

- 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

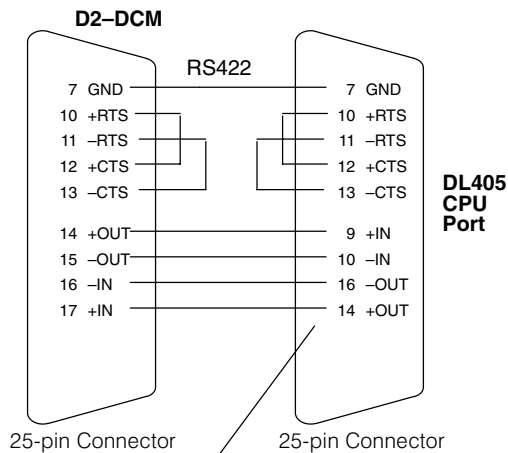
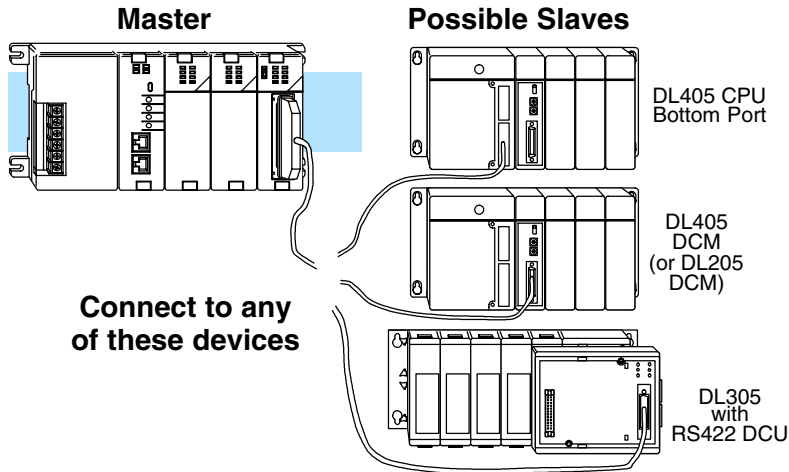
These diagrams show the D2-DCM being used as a slave to a personal computer. The personal computer would have to be capable of issuing commands using either **DirectNET** or MODBUS RTU protocol. A good example of this would be a personal computer running an Excel spreadsheet connected through our DSData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



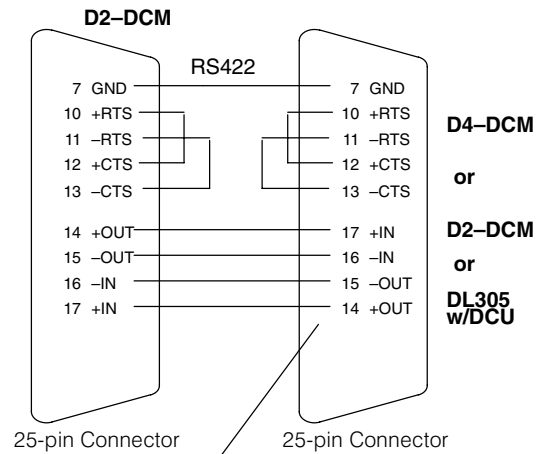
**Point-to-Point
RS422
D2-DCM as Master**

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:

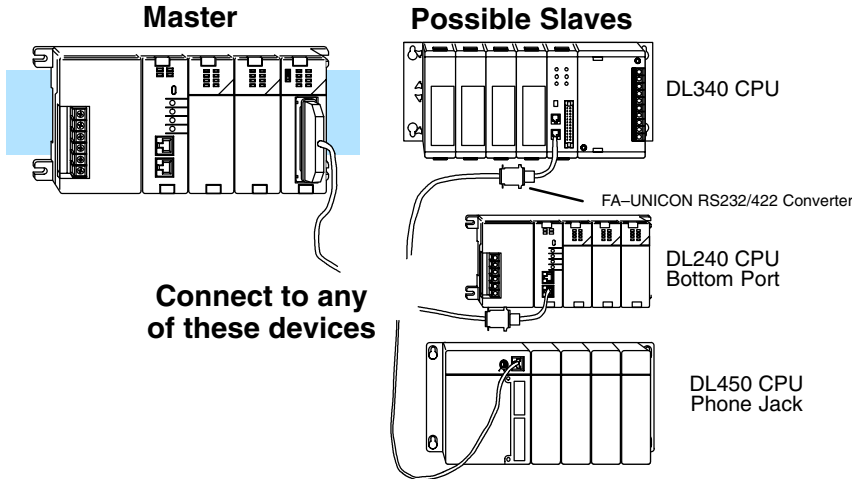
- D2-DCM to D4-DCM connection
- D2-DCM to DL405 CPU connection when used with a D4-450



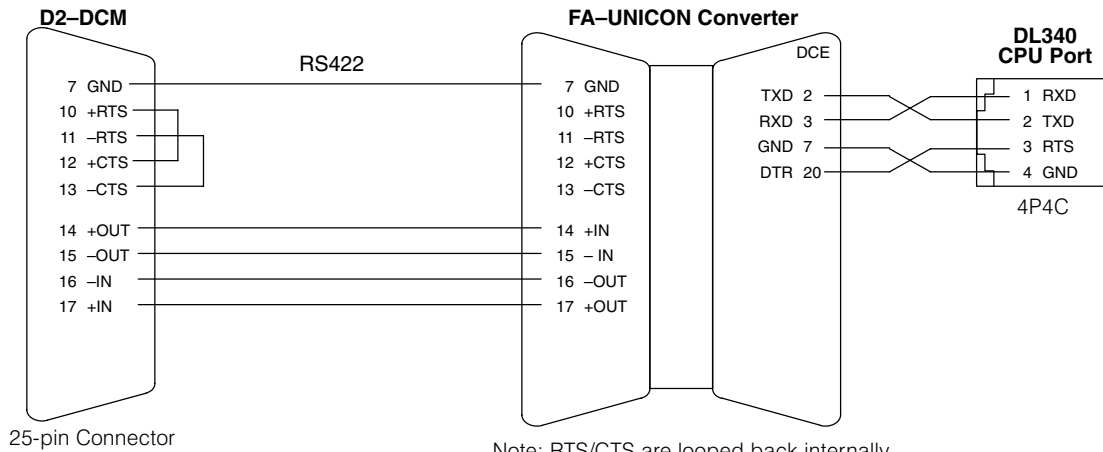
Note: Pin numbers are correct. Pins are shown out of order because it makes the drawing easier to comprehend.



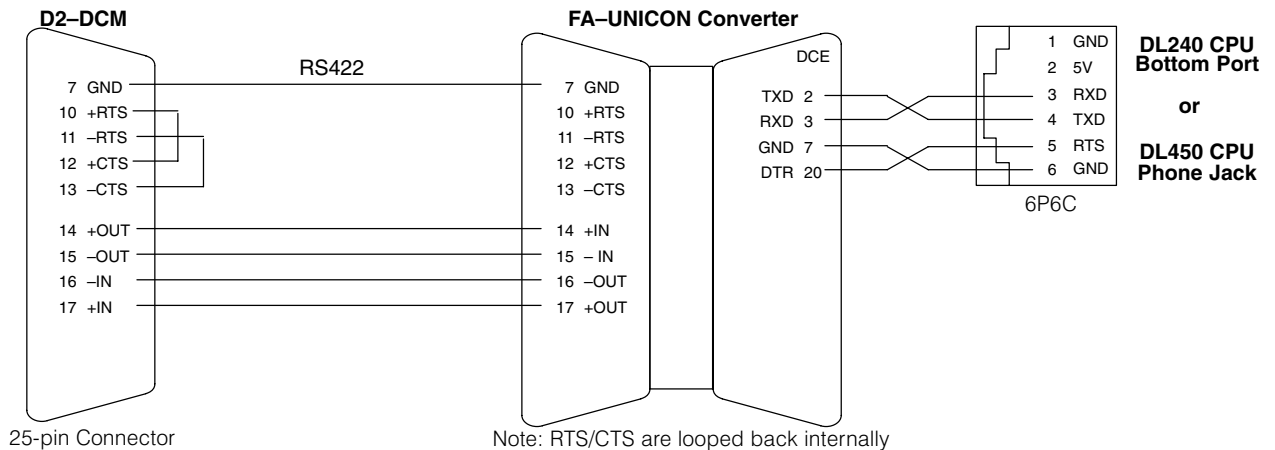
Note: Pin numbers are correct. Pins are shown out of order because it makes the drawing easier to comprehend.



Slave Connection

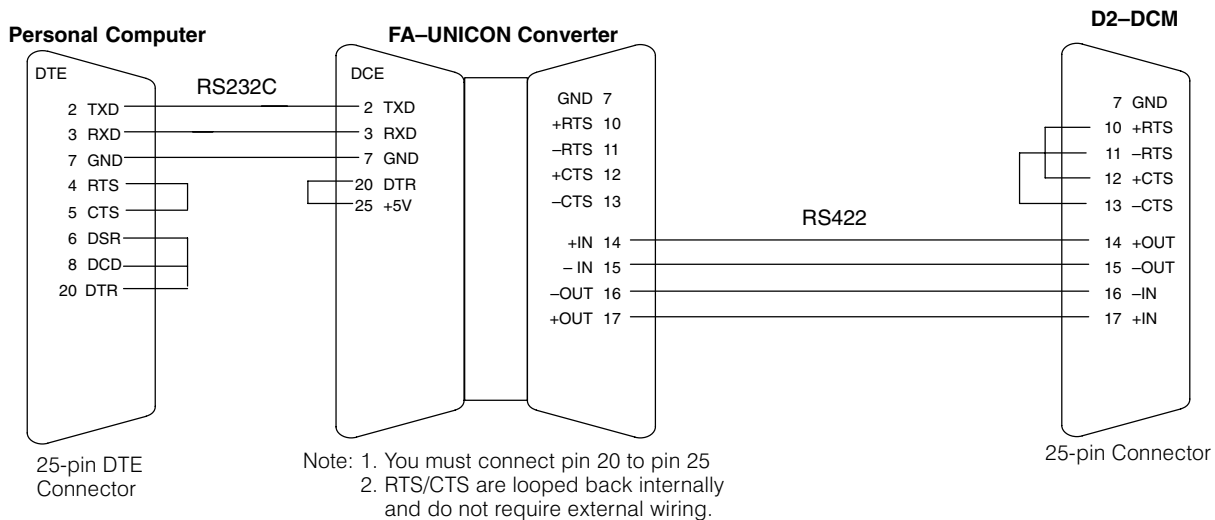
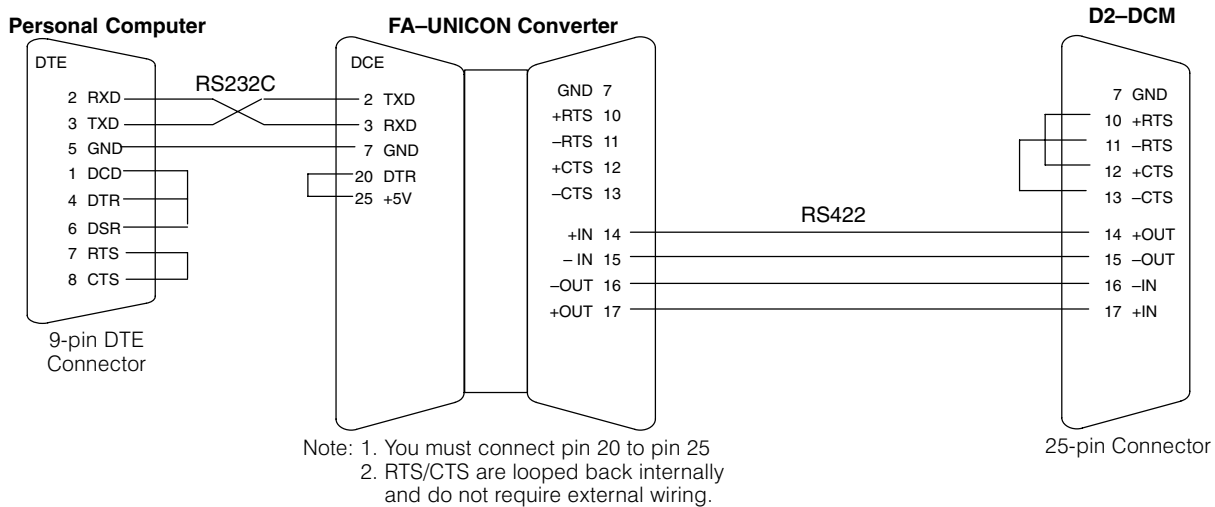
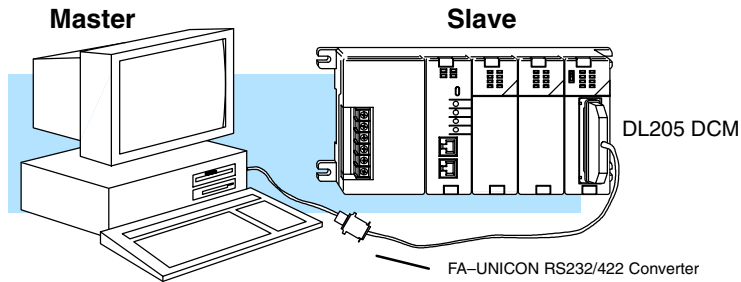


Slave Connection



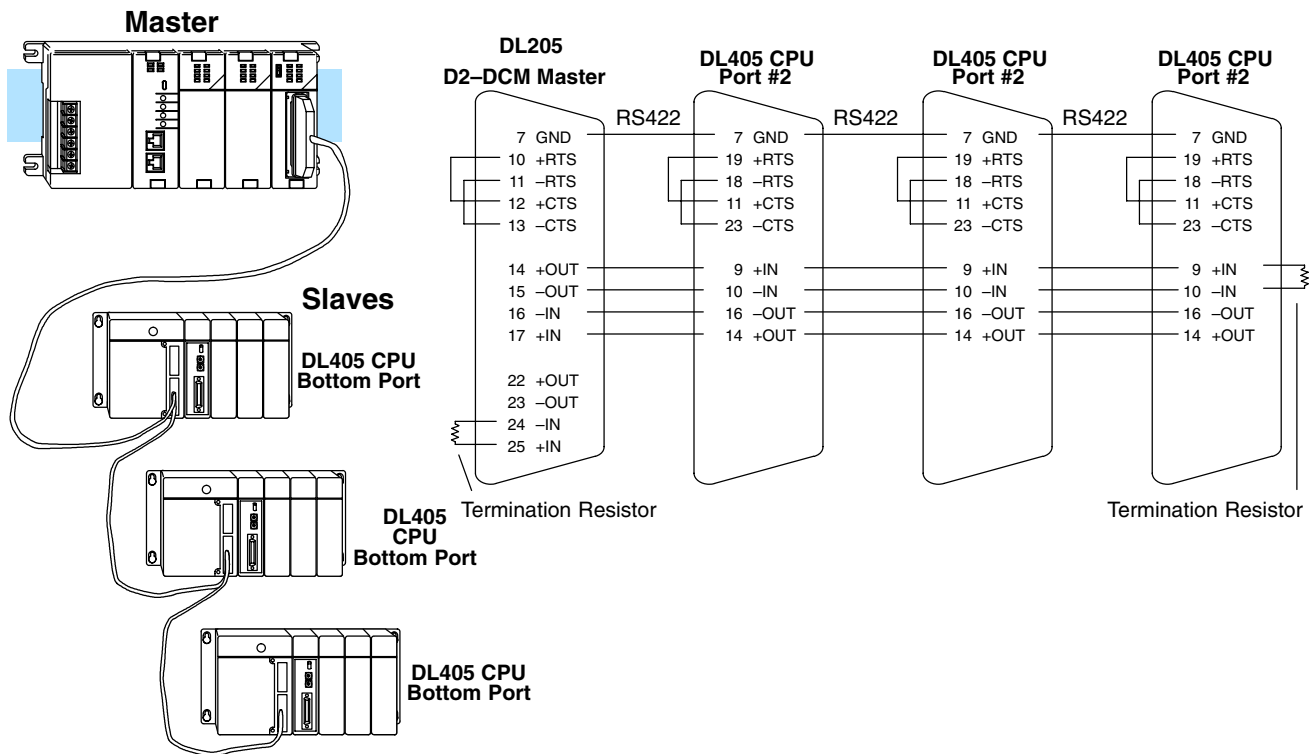
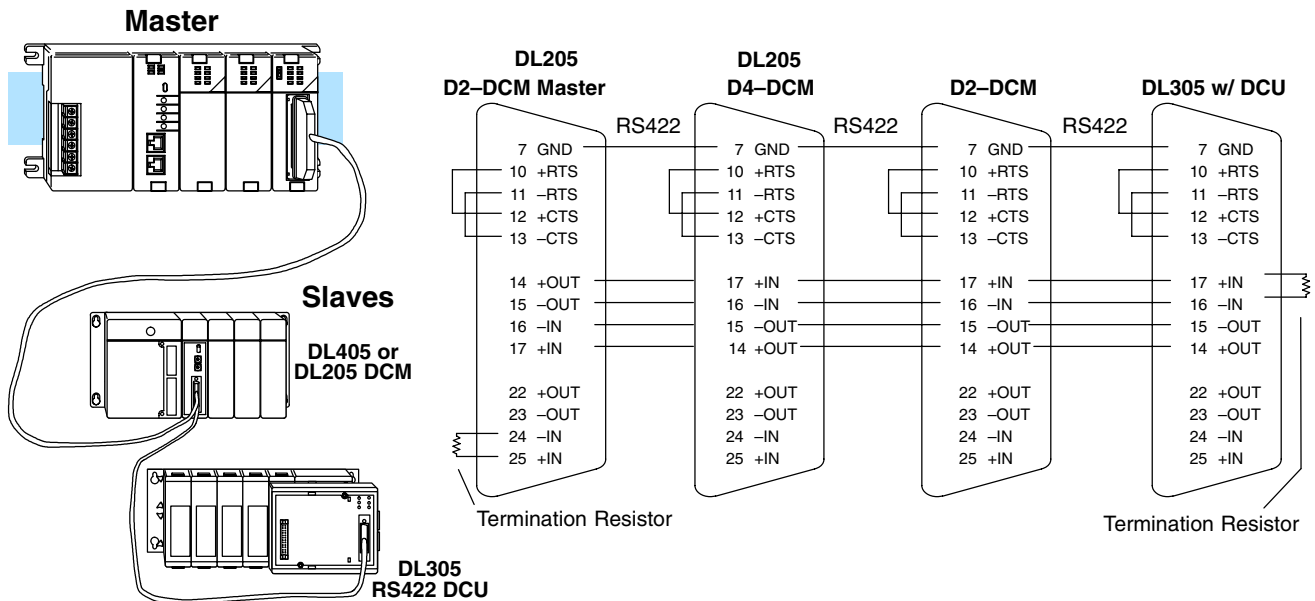
Point-to-Point RS422 PC as Master

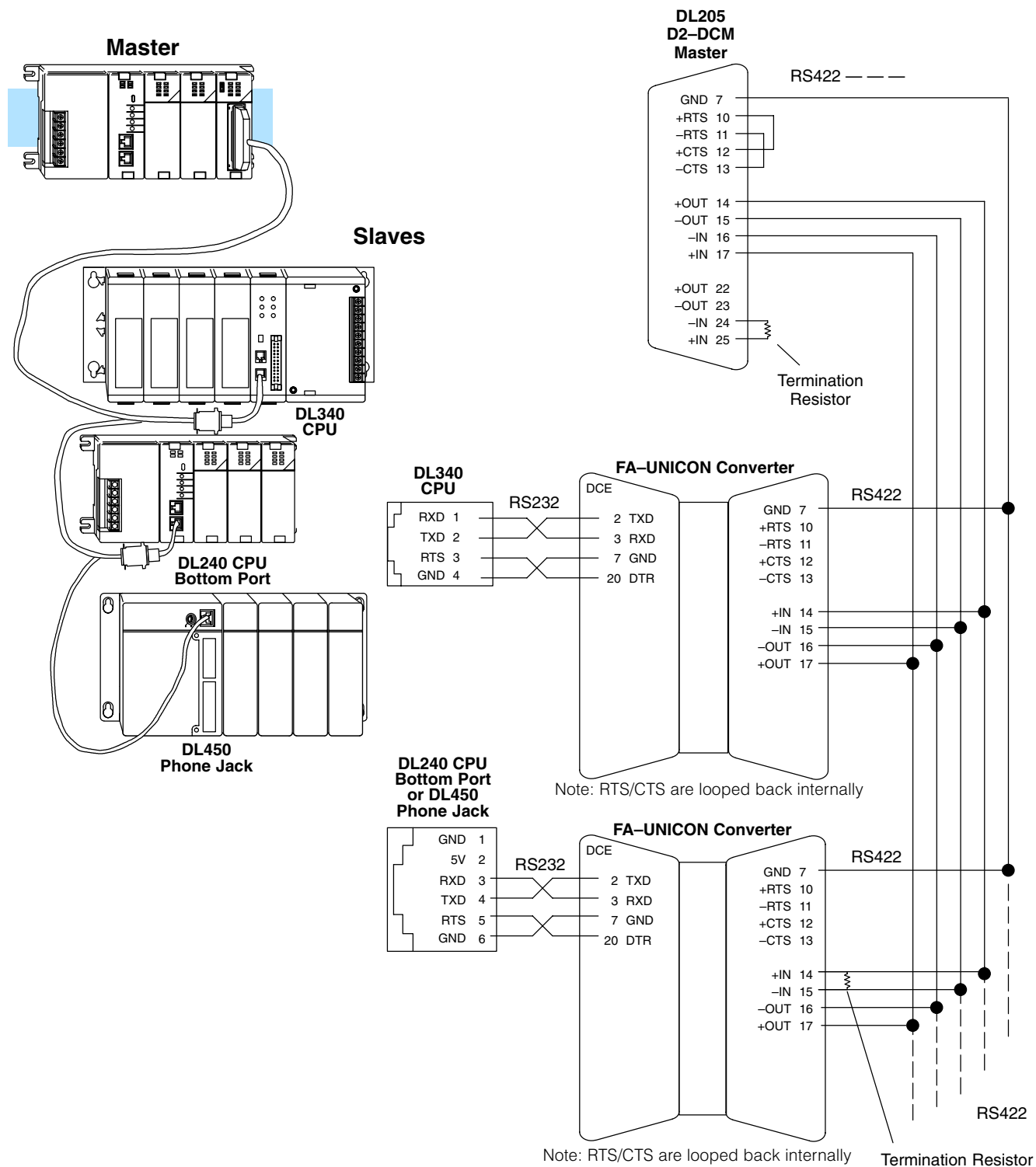
These diagrams show the D2-DCM being used as a slave to a personal computer. Since most personal computers come with RS232C communication cards, we have shown an FA-UNICON RS232/422 Converter being used to convert the signal. The personal computer would have to be capable of issuing commands using either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



**Multidrop
RS422
D2-DCM as Master**

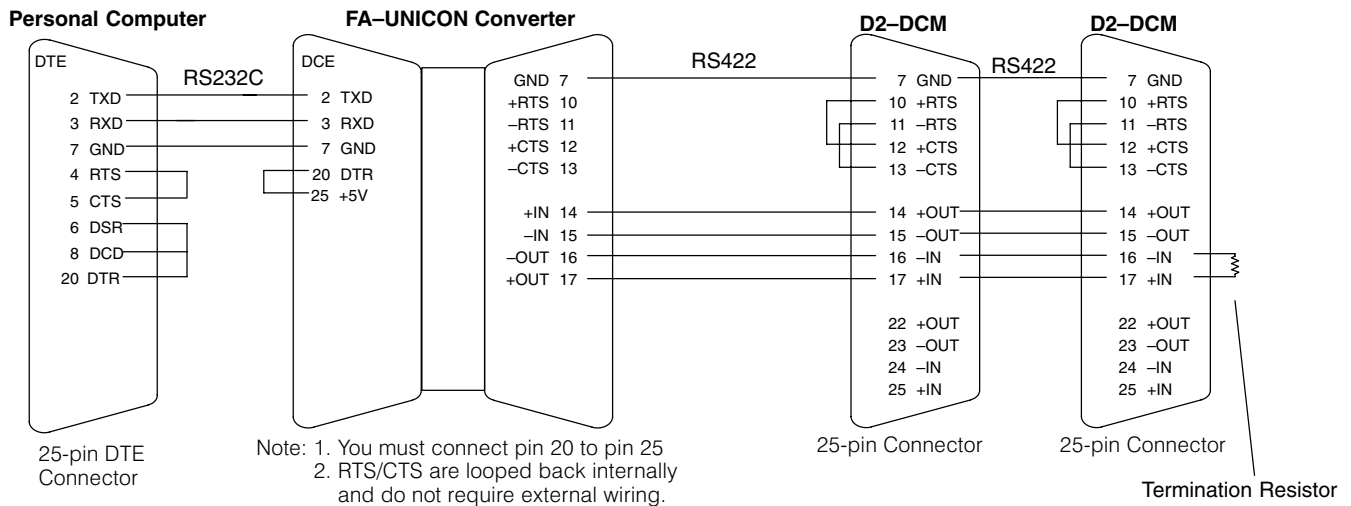
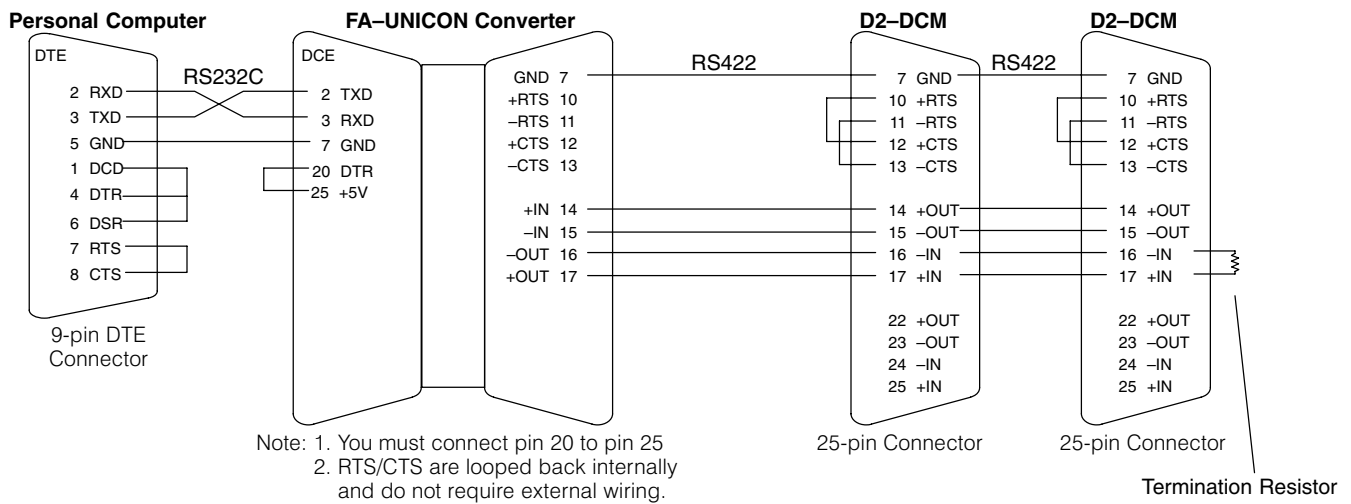
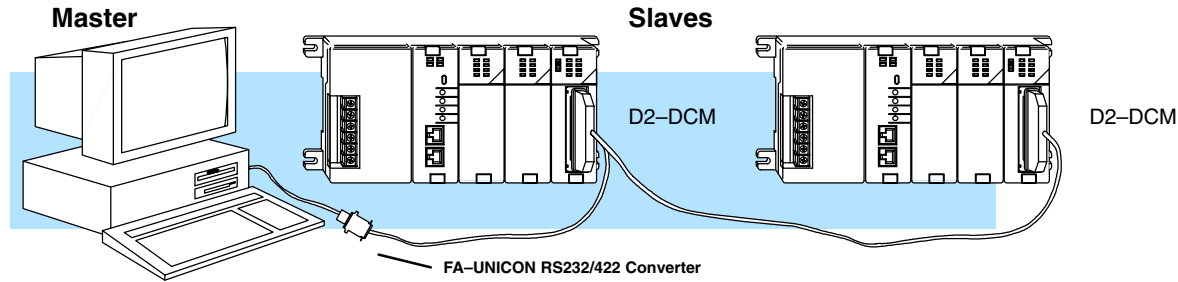
These diagrams show the D2-DCM being used as the network master for a network consisting of various PLC stations using D2-DCMs, CPU ports, etc..





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.

