RS232 File Transfer on OmniTurn CNC Control

To RECEIVE a program from another computer:
  1. On OmniTurn CNC, go to Automatic mode Menu.
  2. Press F8 key to open the File Handler screen.
  3. Press 4 (Receive a program from another computer); you will be prompted for the name of the file to receive. Type any name up to eight characters. This is the name the file will have after it is received at the OmniTurn CNC Control. It will be saved on disk with your program files.
  4. Press Enter after typing the name; you will be prompted that the computer is ready to receive your file. The location of your program files is prefixed to the name you typed.
  5. Go to the other computer and execute the steps necessary to send (upload) a file. The default communications parameters are 2400 baud, 8 bits, no parity, 1 stop bit.
  6. Return to the OmniTurn and press Esc to return to the File Handler.
  Press 9 to return to Automatic Mode menu.

To SEND a program to another computer:
  1. At the other computer execute the steps necessary to receive (download) a file. *The default communications parameters are 2400 baud, 8 bits, no parity, 1 stop bit.*
  2. On OmniTurn CNC, go to Automatic mode Menu. Press F8 key to open the File Handler screen.
  3. Press 5 (Send a program to another computer; you will be prompted for the name of the the program to send. Type the name of the program, then press enter.
  4. The file will be sent and you will automatically be returned to the file handler. Press 9 to return to Automatic Mode menu.

To change Communications Parameters:
  1. On OmniTurn CNC, go to Automatic mode Menu.
  2. Press F8 key to open the File Handler screen.
  3. Press 8 (Set communications parameters)
  4. Type the desired values for baud rate, parity, data bits and stop bits. This data will be saved to your System Disk in a file named prm.com.
  Press 9 to return to Automatic Mode menu.

RS232 connections with required jumpers on connectors
NOTE: Jumpers NOT necessary if prm.com is changed to *com1:2400,n,9,1,ds,rs,cd,cd*