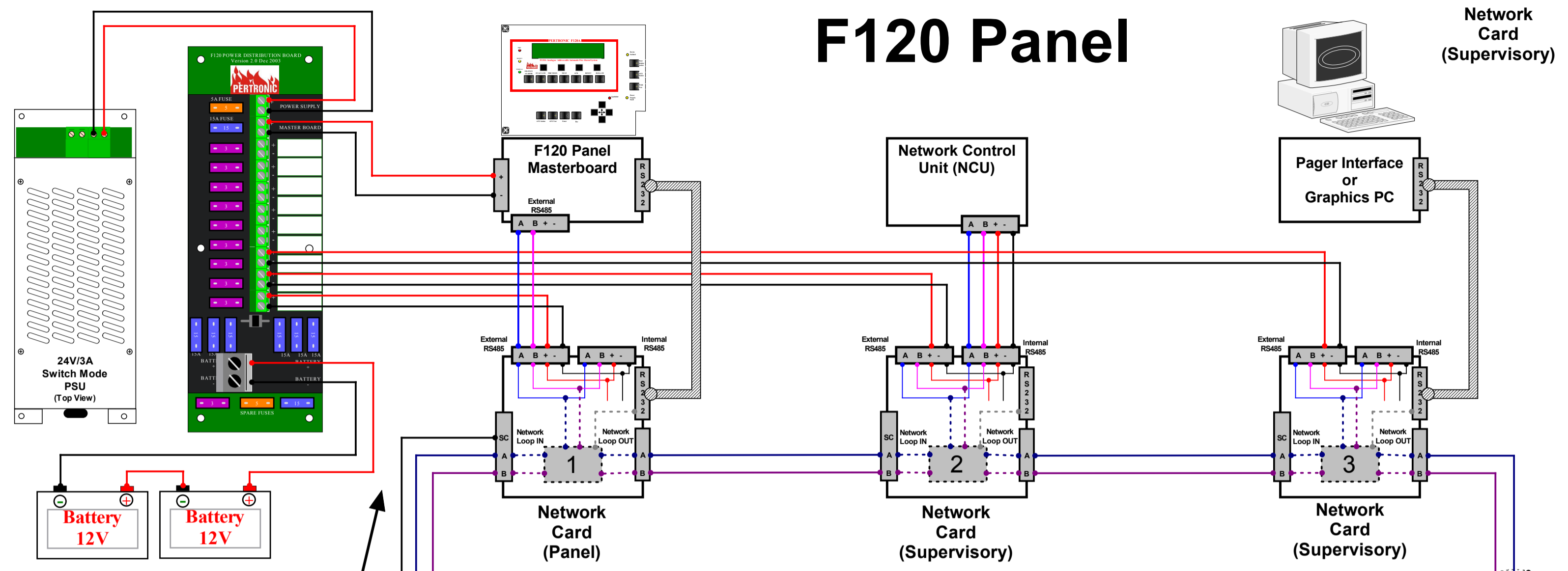


# F120 Panel



## Legend

- DC +
- DC -
- Panel RS485 A
- Panel RS485 B
- Network Loop RS485 A
- Network Loop RS485 B
- RS232 Serial Cable

## Notes

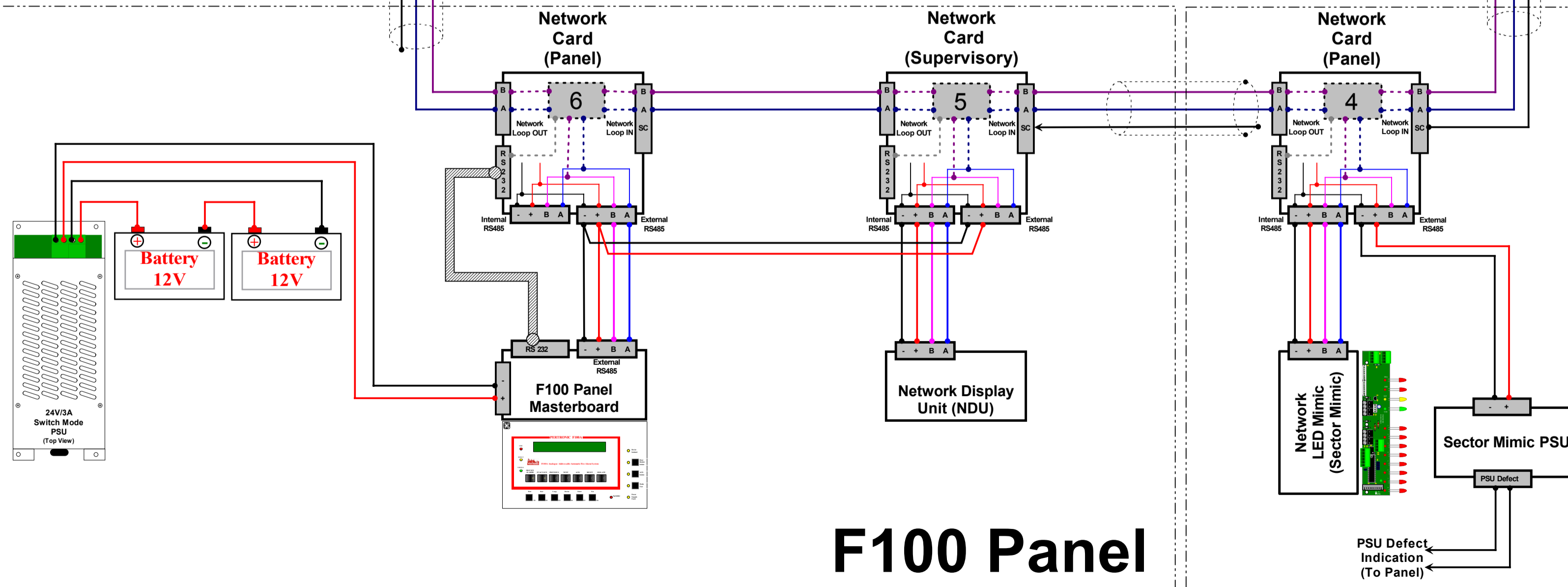
1. All network cards require +24V DC to operate. This connection is usually made via the external RS485 port on the network card.
2. Network card internal and external RS485 ports are joined internally on the card. Either port may be used for connection to a panel or network display.
3. A DC supply independent of the Panel Masterboard to each network card is recommended. This is to avoid potential failure of multiple network cards when the supply to/from the Masterboard is disconnected.
4. Network loop wiring must be connected from the OUT to the IN ports; A-A and B-B.
5. A Sector LED Mimic may share a power supply with repeating Sector LED Mimics but shall not share a power supply with any other control units (Fire Alarm Panels). Ref. NZS4512:2003 A5.2

Shield (SC) connected to Network card at one end only.

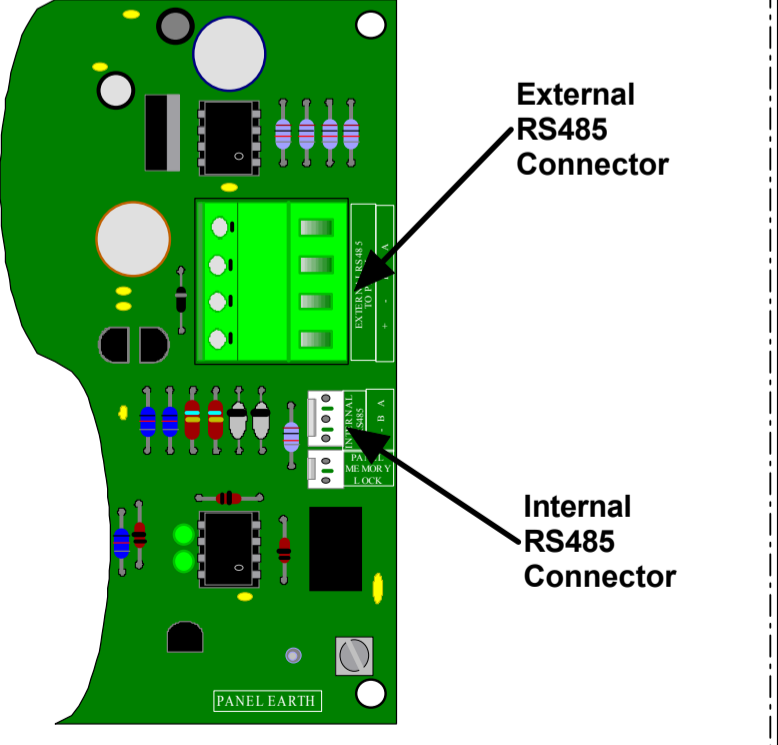
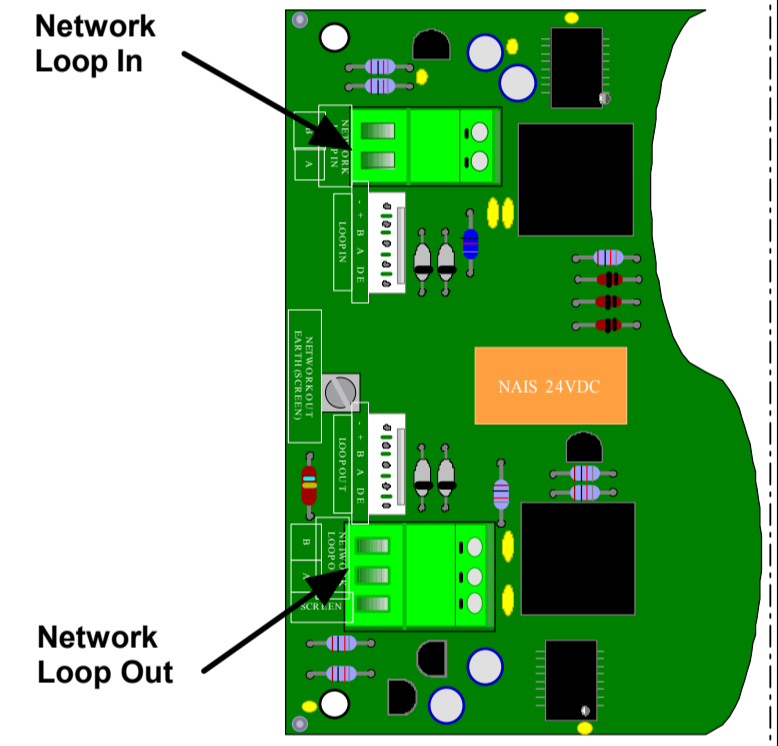
Twisted Pair Cable

Up to 1.2Km of cable allowed between Network Cards

# F100 Panel



## Network Card Connections



Title: Two Panel Network Wiring Diagram	
Author: John L. Fuge	
Date: 06/05/2009	Sheet: 1 of 1
Revision: 2.2	

PSU Defect Indication (To Panel)