
REVISION HISTORY

| NUMBER | DATE | DESCRIPTION | NAME |
|---------|------------|--|------|
| 2.8.0.1 | 2023-04-13 | Current release of Network UPS Tools (NUT). | |
| 2.6.0 | 2011-01-14 | First release of AsciiDoc documentation for Network UPS Tools (NUT). | |

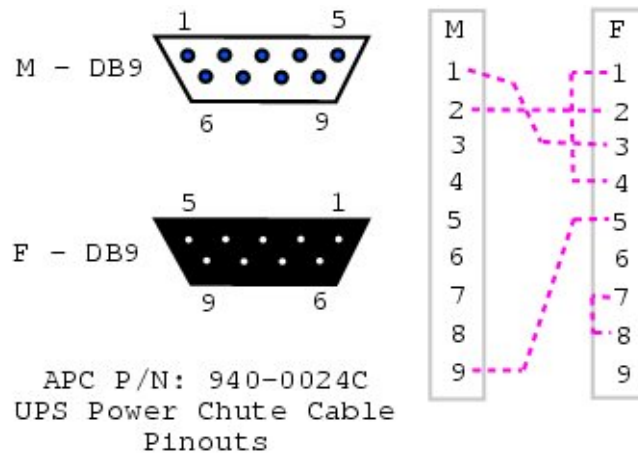
Contents

| | | |
|----------|---|----------|
| 1 | APC | 1 |
| 1.1 | 940-0024C clone | 1 |
| 1.2 | 940-0024E clone | 1 |
| 1.3 | 940-0024C clone for Macs | 1 |
| 2 | Belkin | 2 |
| 2.1 | OmniGuard F6C***-RKM | 2 |
| 3 | Eaton | 2 |
| 3.1 | MGE Office Protection Systems | 2 |
| 3.1.1 | DB9-DB9 cable (ref 66049) | 2 |
| 3.1.2 | DB9-RJ45 cable | 3 |
| 3.1.3 | NMC DB9-RJ45 cable | 4 |
| 3.1.4 | USB-RJ45 cable | 4 |
| 3.1.5 | DB9-RJ12 cable | 5 |
| 3.2 | Powerware LanSafe | 7 |
| 3.3 | SOLA-330 | 7 |
| 4 | HP - Compaq | 8 |
| 4.1 | Older Compaq UPS Family | 8 |
| 5 | Phoenixtec (Best Power) | 8 |
| 6 | Tripp-Lite | 9 |

1 APC

1.1 940-0024C clone

From D. Stimits



Note

The original 940-0024C diagram was contributed by Steve Draper.

1.2 940-0024E clone

Reported by Jonathan Laventhol

This cable is said to use the same wiring as 940-0024C clone.

1.3 940-0024C clone for Macs

From Miguel Howard



2 Belkin

2.1 OmniGuard F6C***-RKM

From "Daniel"

A straight-through RS-232 cable (with pins 2-7 connected through) should work with the following models:

- F6C110-RKM-2U
- F6C150-RKM-2U
- F6C230-RKM-2U
- F6C320-RKM-3U

● RS232

Character based protocol



3 Eaton

Documents in this section are provided courtesy of Eaton.

3.1 MGE Office Protection Systems

The three first cables also applies to MGE UPS SYSTEMS and Eaton.

3.1.1 DB9-DB9 cable (ref 66049)

This is the standard serial cable, used on most units.



3.1.2 DB9-RJ45 cable

This cable is used on the more recent models, including Ellipse MAX, Protection Station, ...



3.1.3 NMC DB9-RJ45 cable

The following applies to the MGE 66102 NMC (Network Management Card), and possibly other models. The NMC connection is an 8P8C RJ45-style jack.

| Signal | PC | NMC |
|--------|--------|--------|
| | 1,4,6 | |
| TxD | 2 | 3 |
| RxD | 3 | 6 |
| GND | 5 | 4 |
| | 7,8 | |
| | shield | shield |

3.1.4 USB-RJ45 cable

This cable is used also on the more recent models, including Ellipse MAX, Protection Station, ...

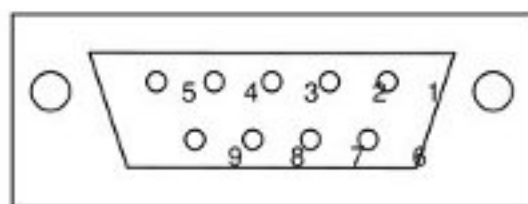
CABLE :



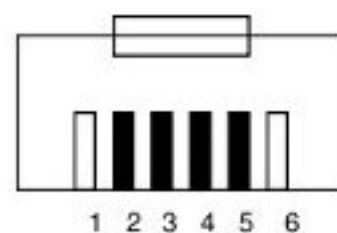
3.1.5 DB9-RJ12 cable

This cable is used on some older Ellipse models.

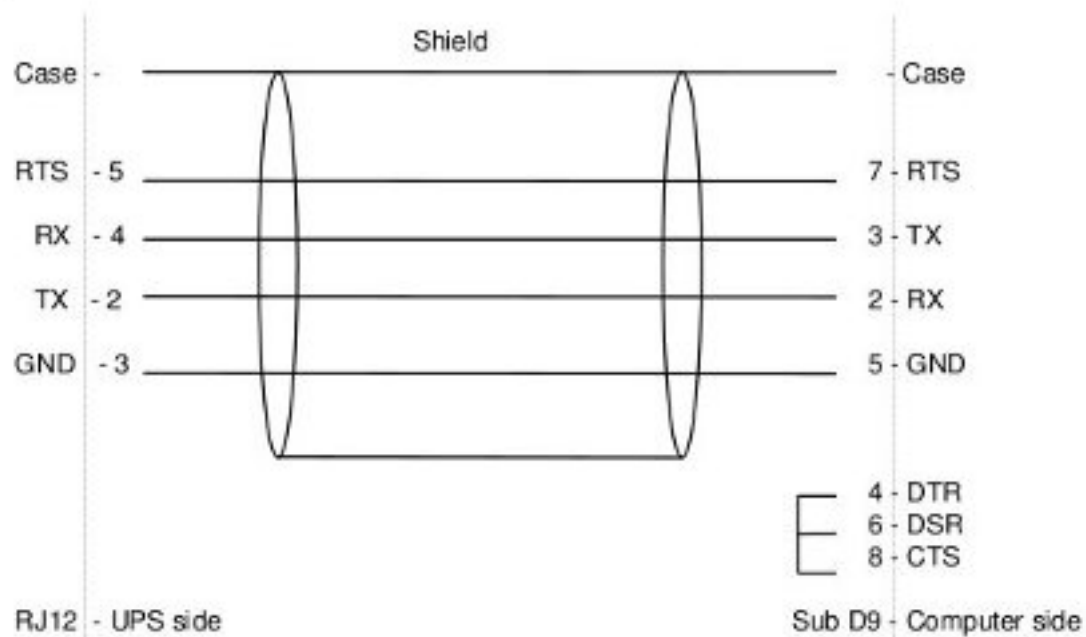
Sub D 9 :



RJ 12 :



CABLE :



3.2 Powerware LanSafe

LanSafe for
3115 / 5105 / 5119 / 9110 / 9150 / 9305



3.3 SOLA-330

Just uses a normal serial cable, with pin 1-1 through to 9-9.



4 HP - Compaq

4.1 Older Compaq UPS Family

This cable can be used with the following models:

T700, T1000, T1500, T1500j, T700h, T1000h, T1500h, R1500, R1500j, R1500h, T2000, T2000j, T2400h, T2400h-NA, R3000 / R3000j, R3000h, R3000h-International, R3000h-NA, R6000h-NA, R6000i, R6000j.

UPS PC 9 pin connector

| | | |
|---|-------|-------|
| 1 | ----- | 3 |
| 2 | ----- | 2 |
| | | 4 - \ |
| 4 | ----- | 5 |
| | | 6 - / |
| 6 | ----- | 7 |

Contributed by Kjell Claesson and Arnaud Quette.

5 Phoenixtec (Best Power)

Many Best Power units (including the Patriot Pro II) have a female DB-9 socket with a non-standard pinout.

| Signal | PC | UPS |
|--------|-------|-----|
| | 1,4,6 | NC |
| TxD | 2 | 2 |
| RxD | 3 | 1 |
| GND | 5 | 4 |
| | 7,8 | NC |

Sources:

- http://pinoutsguide.com/UPS/best_power_pinout.shtml
- http://lit.powerware.com/ll_download.asp?file=m_patriotproii_jan99.pdf
- Stan Gammons

6 Tripp-Lite

From Tripp-Lite, via Bryan Kolodziej

This cable (black 73-0844 cable) is used on various models, using the "Lan 2.2 interface" and the genericups driver (upstype=5).

