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**REVISION HISTORY**

NUMBER	DATE	DESCRIPTION	NAME
2.8.0	2022-12-31	Current release of Network UPS Tools (NUT).	
2.6.0	2011-01-14	First release of AsciiDoc documentation for Network UPS Tools (NUT).	

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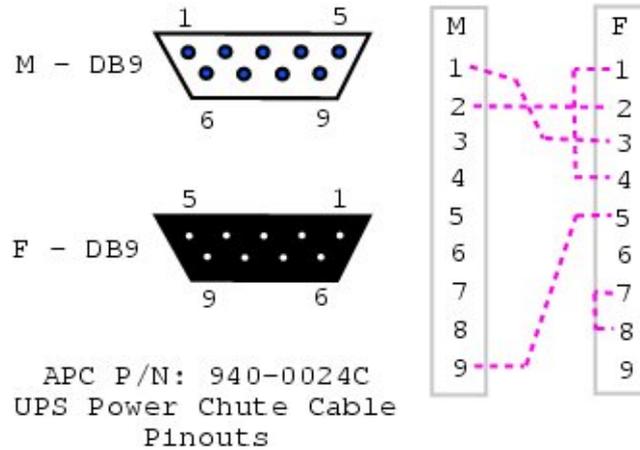
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## 1 APC

### 1.1 940-0024C clone

From D. Stimits



#### Note

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

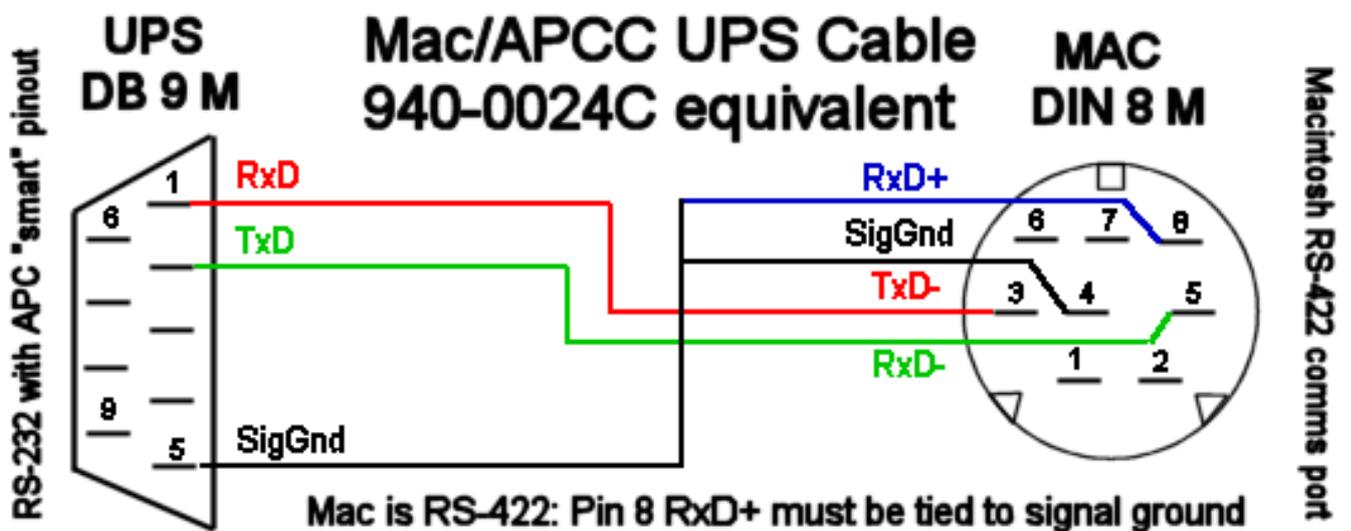
### 1.2 940-0024E clone

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

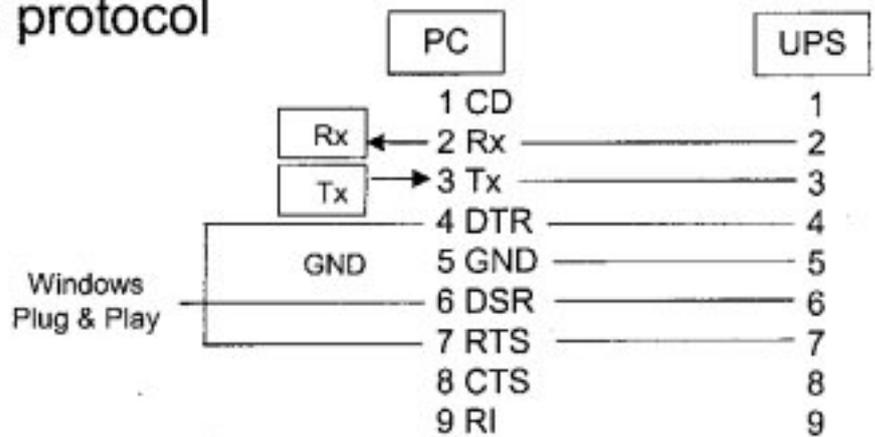
From "Daniel"

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

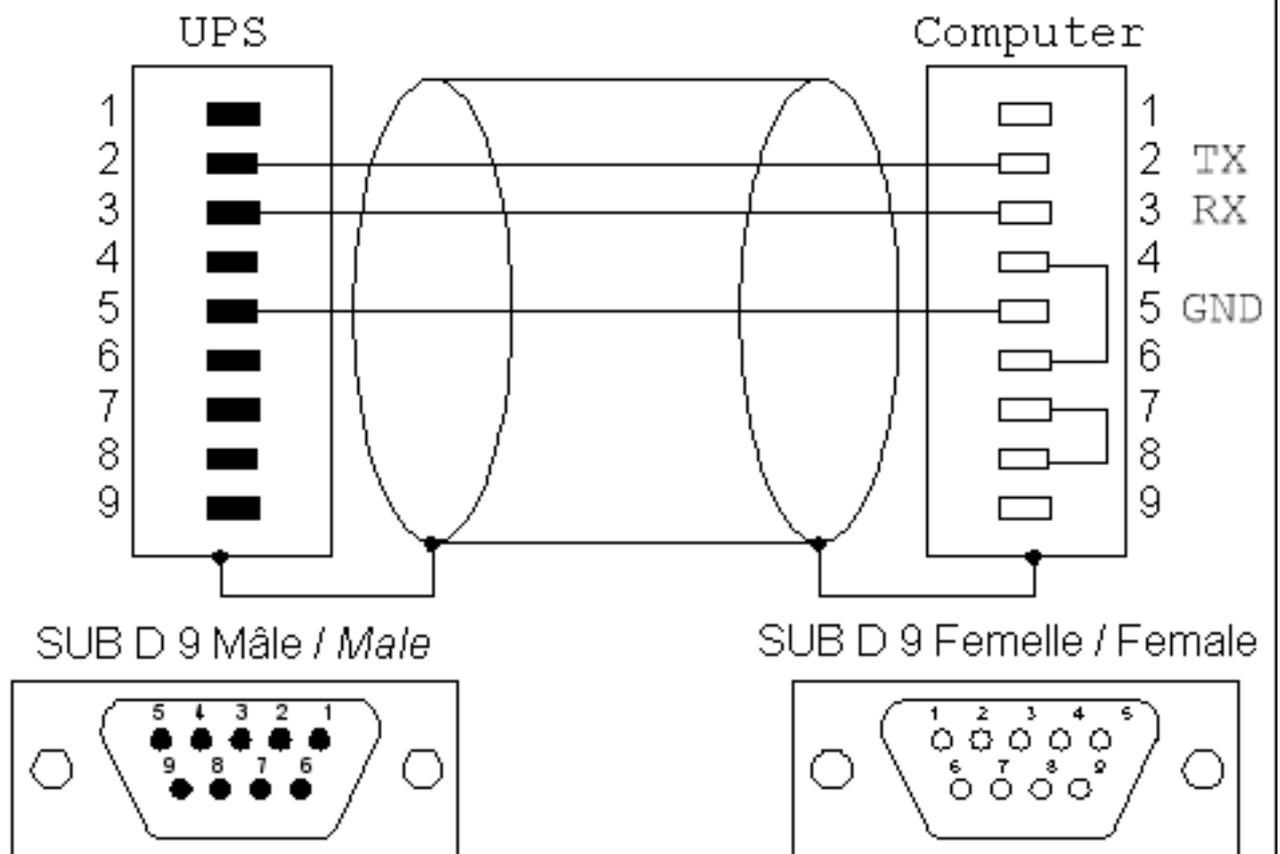
Documents in this section are provided courtesy of Eaton.

### 3.1 MGE Office Protection Systems

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

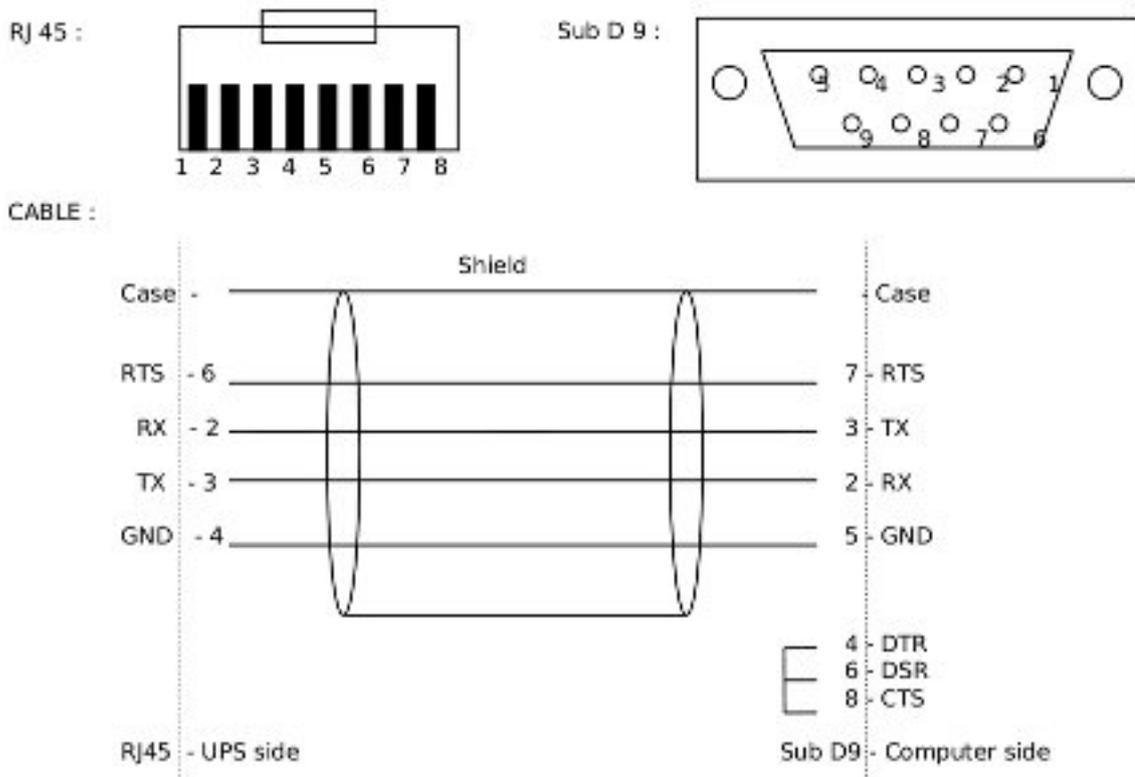
#### 3.1.1 DB9-DB9 cable (ref 66049)

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

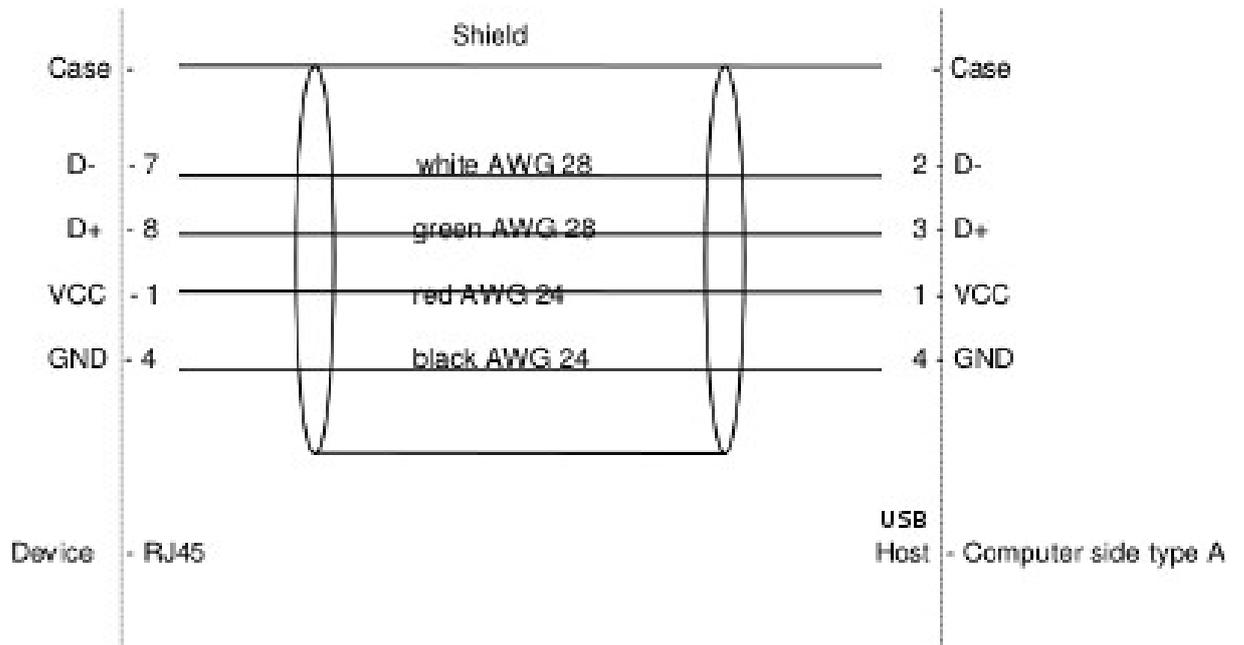
The following applies to the MGE 66102 NMC (Network Management Card), and possibly other models. The NMC connection is an 8P8C RJ45-style jack.

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, ...

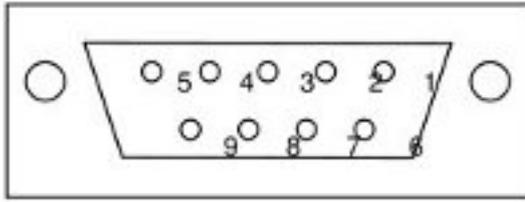
CABLE :



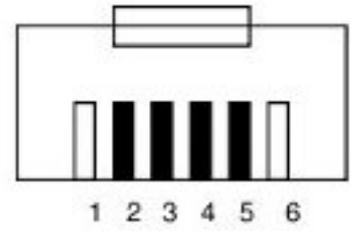
### 3.1.5 DB9-RJ12 cable

This cable is used on some older Ellipse models.

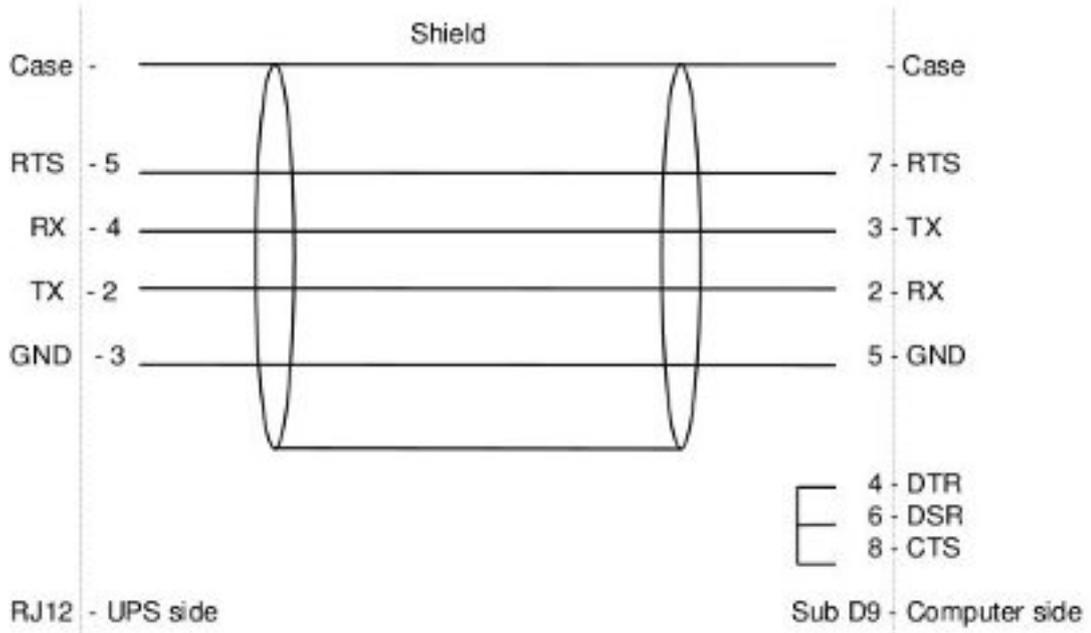
Sub D 9 :



RJ 12 :



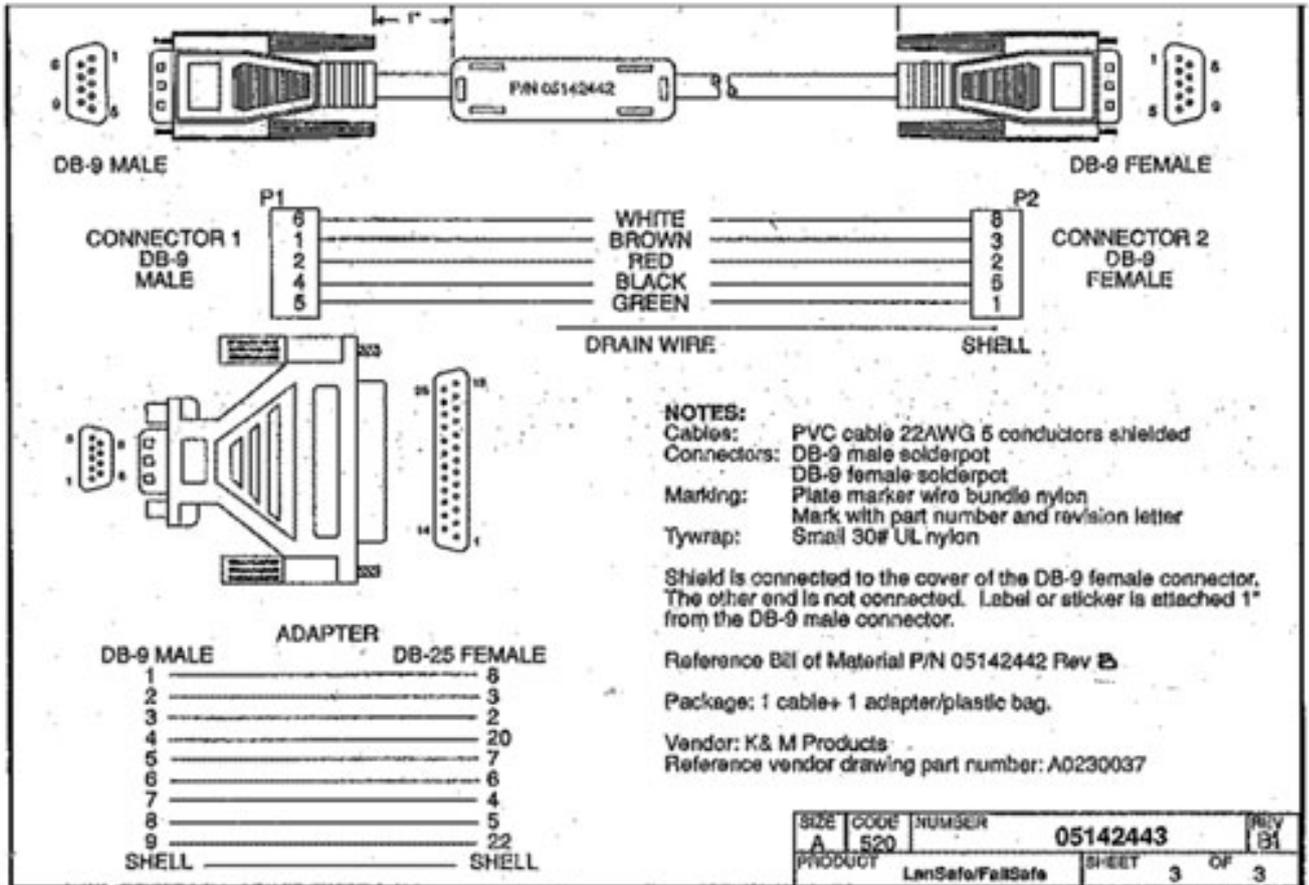
CABLE :



### 3.2 Powerware LanSafe

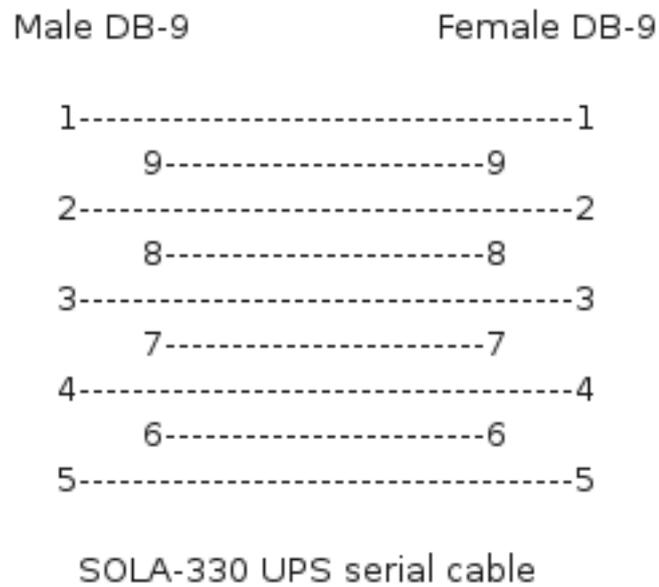
LanSafe for

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://pinoutsguide.com/UPS/best_power_pinout.shtml)
- [http://lit.powerware.com/lit\\_download.asp?file=m\\_patriotproii\\_jan99.pdf](http://lit.powerware.com/lit_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).

