

8270 Nways LAN Switc
h
Models 600 and 800



Service Information C ard

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8270 Switch Identification

Building/Room/Rack	_____
Model	_____
Unit Number	_____
Serial Number	_____
MAC Address	_____

Contact Information

Network Administrator	_____
Telephone	_____
Fax	_____
Service Contact	_____
Telephone	_____
Fax	_____
IBM Service	1-800-IBM-SERV (United States and Canada) All others contact your country service provider.

Note: For the latest software go to <http://www.networking.ibm.com/support>

Reset Button

Pressing the Reset button resets the hardware and software and clears all tables and memory including the address tables. It does not clear those values stored in non-volatile random access memory (NVRAM) and does not run self-diagnostics.

Port Information

Base Port	Cable Destination Address Building/Room/Rack Distribution Panel/Coordinate
EIA-232	_____
UFC Port	
1-1	_____
1-2	_____
1-3*	_____
1-4*	_____
2-1	_____
2-2	_____
2-3	_____
2-4	_____
3-1	_____
3-2	_____
3-3	_____
3-4	_____
4-1	_____
4-2	_____
4-3	_____
4-4	_____

* 8270-600 only

UFC Port	Cable Destination Address Building/Room/Rack Distribution Panel/Coordinate
5-1	_____
5-2	_____
5-3	_____
5-4	_____
6-1	_____
6-2	_____
6-3	_____
6-4	_____
7-1**	_____
7-2**	_____
7-3**	_____
7-4**	_____
8-1**	_____
8-2**	_____
8-3**	_____
8-4**	_____

** 8270-800 only

Status LEDs

Label Function (color)	State	Meaning
Power (green)	On	Card power is good.
	Off	Card power is bad.
OK (green)	On	Operating correctly.
	Off	Not operating correctly.
	Blinking	Diagnostics in progress.
Fault (amber)	On	A diagnostic failure has occurred.
	Off	No errors detected.
	Blinking	Diagnostics in progress.
AC OK AC Power (green)	On	AC power input is good. 8270-800 power supply only.
	Off	AC power input is bad. 8270-800 power supply only.
DC OK DC Power (green)	On	DC power output is good. 8270-800 power supply only.
	Off	DC power output is bad. 8270-800 power supply only.

Token-Ring UFC Port LEDs

Label	State	Meaning
Connect	On	Connected.
	Off	Disabled.
	Blinking	Attempting to connect.
FDX	On	Port is set to FDX mode.
Tx/Rx	On	Data is being transmitted or received.

Status Display

Message Type	Display Character			
	1	2	3	4
POST	T	test number		
Operational	System Component *		Action **	
	O	K		

* System Component

- F1 Fan 1
- F2 Fan 2 (8270-800 only)
- P1 Power supply 1
- P2 Power supply 2 (8270-800 only)
- PC Processor card
- Sx UFC in slot x
- !A Fuses 3 and 4 (8270-800 only)
- !B Fuses 1 and 2 (8270-800 only)
- !C Fuses 7 and 8 (8270-800 only)
- !D Fuse 6 (8270-800 only)

** Action

- H Hardware failure. Replace the component.
- Cx Software failure. Download new software and reconfigure.
 - C1 – Boot image
 - C2 – Main image
- X UFC is not installed in a valid slot. Move the UFC to a valid slot.
- ? The failure cannot be isolated to a specific component.
- OK – System is operating correctly.



Part Number: 02L1411



Printed in the United States of America
on recycled paper containing 10%
recovered post-consumer fiber.

02L1411

