Omnitron Systems Technology, Inc.

FlexSwitch™ 600XC 2Fx and 4Fx User Instructions

Description:

The FlexSwitch™ 600XC described here is a two or four-port 100Base fiber switch. It supports multimode and single-mode fiber and operates in half duplex (HD) or full duplex (FD). The following models are described here:

Ext. Power Model	Int. Power Model	Fiber
6720-F1-F2[1]	6520-F1-F2[1]	2@100 SC
6721-F1-F2[1]	6521-F1-F2[1]	2@100 ST
6730-F1[2]	6530-F1[2]	4@100 SC
6731-F1[2]	6531-F1[2]	4@100 ST

[1] On models 6720, 6721, 6520 and 6521, the "***F1***" denotes the fiber type on port 1 and the "***F2***" denotes the fiber type on port 2.

[2] On models 6730, 6731, 6530 and 6531, the "***F1***" denotes the fiber type on all four ports.

Please use the following to identify your model: **F1 = 0, 2, 3** **F2 = 0, 2, 3**	
0 = Multimode Lx	1300nm
2 = Single-mode Lx	1300nm
3 = Single-mode Lx/LH	1300nm Extended Distance

Power Adapter Notice:

1. When used with an external power adapter (models 67xx), this product must only be used with Omnitron Supplied Power Unit model number 9112-PS.
2. When used with an external power adapter (models 67xx), this product is intended to be and must be used only with a Listed Direct Plug-In Power Unit marked "Class 2" and rated at 9Vdc, 1.2 Amp.
3. Models using internal power supplies (models "65xx") are capable of auto switching from 100-230V, and are supplied with a U.S. type NEMA 5-15 power cable.
4. For products being shipped outside of the U.S., the user is required to install a properly grounded IEC 320-appliance cable with a minimum rating of 10 AMPs.
5. User-supplied cables must meet the required safety agency approvals, applicable international standards and electrical ratings for the region.

WARNING!

Before inserting the Power Adapter, verify that the power on the unit is appropriate for your AC line voltage source.

Mounting and Cable Attachment:

The FlexSwitch 600XC can be used as a tabletop unit or wall-mounted using a wall-mounting kit.

After connecting to an appropriate power outlet, attach the FlexSwitch 600XC via appropriate fiber cables (SC or ST as needed) to each 100Base-Fx Fast Ethernet fiber switch, hub or workstation. The fiber's transmit (Tx) must attach to the receive side on any opposing devices and the receive (Rx) must attach to the transmit side. Set the "Half/Full Duplex" switches as needed.

Switch Settings:

"Full-Duplex (FDX) / Half-Duplex (HDX)" Switch:

When the FDX / HDX switches are set to "Half Duplex," the corresponding fiber ports operate in half duplex. When set to "Full Duplex" (factory setting), the corresponding fiber ports operate in full duplex.

Half duplex must be used when connecting to a hub. Full duplex should be used when connecting to a switch or a full-duplex workstation or server.

LED Indicators:

Function	Color	Description
Link/Act	Green	Off - No Link detected
		On - Link detected
		Flashing - Data Received
FDX/HDX	Green	Off: Set to Half-Duplex
		On: Set to Full-Duplex

Technical Support

For help with this product, contact our Tech Support:

Phone: (949) 250-6510
Fax: (949) 250-6514
Address: Omnitron Systems Technology, Inc.
27 Mauchly #201
Irvine, CA 92618 USA
Email: support@omnitron-systems.com
URL: http://www.omnitron-systems.com

User Warranty Registration

Please register on-line @ **http://www.omnitron-systems.com** or complete both sides and mail or fax this registration form to:

Omnitron Systems Technology, Inc.
27 Mauchly #201
Irvine, CA 92618, USA
Fax: (949) 250-6514

Name: _____
Company: _____
Address: _____
_____
City: _____ State: _____ Zip Code: _____
Country: _____
Phone: _____ Fax: _____
E-mail: _____

Please complete both sides of this form

User Warranty Registration

Please register online at **http://www.omnitron-systems.com** or complete both sides and return this form to Omnitron Systems.

FlexSwitch Type: _____ Fiber Type: _____ Connector: _____
Model: _____
Serial Number: _____ Purchase Date: _____
Purchased From: _____
Address: _____
_____
City: _____ State: _____ Zip Code: _____
Country: _____
Comments and Suggestions: _____
_____
_____
_____
_____
_____

Please complete both sides of this form

Warning

The operating description in this Instruction Manual is for use by qualified personnel only. To avoid electrical shock, do not perform any servicing of this unit other than that contained in the operating instructions, unless you are qualified and certified to do so by Omnitron Systems Technology, Inc.

Caution

All user-required operations can be performed without opening the unit. Never attempt to open or remove the cover or tamper with the unit.

Warranty

This product is warranted to the original purchaser against defects in material and workmanship for a period of TWO YEARS from the date of shipment. A LIFETIME warranty may be obtained by the original purchaser by REGISTERING this product with Omnitron within 90 days from the date of shipment. TO REGISTER, COMPLETE AND MAIL OR FAX THE REGISTRATION PORTION OF THIS INSTRUCTION MANUAL TO THE INDICATED ADDRESS. Or you may register your product on the internet at http://www.omnitron-systems.com. During the warranty period, Omnitron will, at its option, repair or replace a product which is proven to be defective.

For warranty service, the product must be sent to an Omnitron designated facility, at Buyer's expense. Omnitron will pay the shipping charge to return the product to Buyer's designated US address using Omnitron's standard shipping method.

Limitation of Warranty

The foregoing warranty shall not apply to defects resulting from improper or inadequate use and/or maintenance of the equipment by Buyer, Buyer-supplied equipment, Buyer-supplied interfacing, unauthorized modifications or tampering with equipment (including removal of equipment cover by personnel not specifically authorized and certified by Omnitron), or misuse, or operating outside the environmental specification of the product (including but not limited to voltage, ambient temperature, radiation, unusual dust, etc.), or improper site preparation or maintenance.

No other warranty is expressed or implied. Omnitron specifically disclaims the implied warranties of merchantability and fitness for any particular purpose.

Exclusive Remedies

The remedies provided herein are the Buyer's sole and exclusive remedies. Omnitron shall not be liable for any direct, indirect, special, incidental, or consequential damages, whether based on contract, tort, or any legal theory.

Form: 040-06720-000 10/99

Notes: