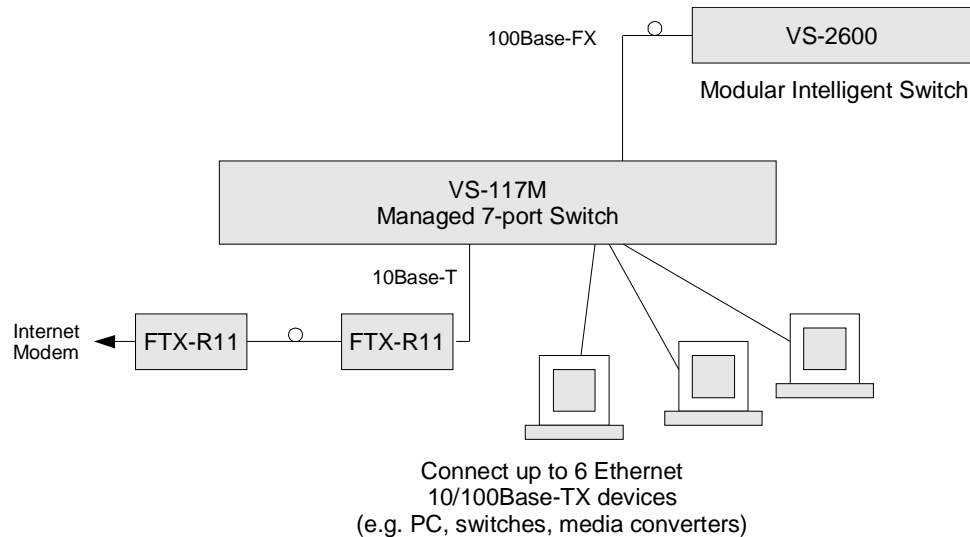


Purpose:

To describe the 7-port, Managed Switch, which includes six 10/100Base-TX ports and one 100Base-FX port. Management is conducted via a web-based browser. This capability includes port status/configuration, VLAN (Virtual Lan) and remote reboot.

Conceptual Usage:



This managed switch offers six 10/100Base-TX ports plus one 100Base-FX port.

Standard Configuration:

- Compact size with UTP data ports on the front/back (power jack on the back)
- 6 RJ-45 connections with Auto MDI/MDI-X, for 10/100Base-TX ports
- Web-based (In-band) management; password-protected login

Options: (see Ordering Information for part numbers)

- 100Base-FX port can be SC, ST, MT-RJ or LC

Features:

- Complies with IEEE 802.3 (Ethernet/Fast Ethernet) and IEEE 802.1Q (VLAN)
- 10/100Base-TX ports are auto-sensing, auto-negotiation and Auto MDI-X
- Multimode or single-mode fiber connections
- Uses flow control to prevent packet loss
- Store and forward switching; full wire-speed forwarding/filtering
- Learns/stores MAC address entries
- Supports Port-based 802.1Q tag-based VLAN (16 groups)
- Status LEDs: Power, Fault, Speed, Link/Activity and Duplex/Collision

**10/100Base Ethernet
Managed, 7-port Switch with Fiber**

**Fiberdyne Labs, Inc.
Product Specification**

Specifications:

Item Description	Value
Standard Compliance	IEEE 802.3, IEEE 802.3u, IEEE 802.3x (flow control) IEEE 802.1Q (VLAN)
TX Ports	Shielded RJ-45 Auto MDI/MDIX Auto-negotiation: 10/100Base, Full/Half Duplex Maximum cable length: 100 meters
FX Port	Fixed Full-duplex operation Transmitted wavelength: 1300 nm Multimode: <ul style="list-style-type: none"> - Maximum Distance: 2 km - Transmit Power: -20 to -14 dBm - Receiver sensitivity: -31 dBm Single-mode: <ul style="list-style-type: none"> - Maximum Distance: 20 km - Transmit Power: -15 to -8 dBm - Receiver sensitivity: -31 dBm
MAC Address	2k entries
Filtering/Forwarding	Rate: 14,880 pps (10Base-T), 148,800 pps (100Base-TX) Multicast/Broadcast/Unicast address
Management	Web-Based (In-band only)
VLAN	Port-Based/Tag-based 16 groups Full 12-bit VID (per port setting) Tagged/Untagged mode (per port setting)
Temperature – Operating *	0 to 40 °C
* Humidity (non-condensing)	10 to 90 %
Dimensions	144 mm x 100 mm x 26 mm (5.7 inch x 3.9 inch x 1.0 inch)
Power	100 ~ 240VAC, 50/60 Hz, 30W max. (power pack included)
DC Input (from power pack)	7.5 VDC, 1 Amp (7 watts max)

Ordering Information:

Description	Part Number
Managed, 7-port Switch, Multimode, SC	VS-117MC
Managed, 7-port Switch, Multimode, ST	VS-117MT
Managed, 7-port Switch, Multimode, MT-RJ	VS-117MJ
Managed, 7-port Switch, Multimode, LC	VS-117ML
Managed, 7-port Switch, Single-mode, SC, 20 km	VS-117MS20
Managed, 7-port Switch, Single-mode, SC, 40 km	VS-117MS40