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RAYCORE

Q3-S217 V4.1E

Specification of L2 Gigabit Ethernet Fiber
Switch - Managed

Part Number: ASWW-WT5F-xxxxx-00



Without Fiber Tray



With Fiber Tray

The L2 Fiber Switch is five 10/100/1000 Base-T Gigabit Ethernet and one 100/1000 Base-X managed stand-alone switch.

This switch supports remote management by SNMP and Http interfaces, and lots of L2 switch management functions, e.g. 802.1Q VLAN, 802.1x, Port Security, Rate Control, Port Configuration, Port Mirroring, Port Statistics, QoS functions, ... etc. To ensure a flexible installation, the converter can be supplied with a fiber handling tray.

Specifications

Interface

- **LAN**
 - RJ-45 Port: 10/100/1000 Base-T 4 Port
 - RJ-45 Port: 10/100/1000 Base-T TM Port (TM: Telemetry services)
- **WAN**
 - Fiber Port: Twin-Rate 100/1000 Base-X 1x9 Dual or Bidi SC connector
 - Fiber Length: Dual-Type: 20km/40km (SMF); WDM-Type: 20km/40km (SMF)

Standard compliance

- Support IEEE 802.3 10BASE-T
- Support IEEE 802.3u 100BASE-TX/FX
- Support IEEE 802.3ab 1000BASE-T
- Support IEEE 802.3z 1000BASE-X
- Support IEEE 802.3x Flow Control
- Support IEEE 802.1p QoS
- Support IEEE 802.1q VLAN Tagging
- Support IEEE 802.3az Energy Efficient Ethernet (EEE) function



Traffic

- Support Port Setting
- Support Bandwidth Control: Rating per port ingress and egress
- Support Storm Control: Broadcast/Multicast Storm Suppression
- Support IGMP Snooping: IGMP snooping enable and disable mode
- Support IEEE 802.1p QoS:
 - Support 802.1p QoS with four level priority queue
 - Support Port Default Priority
 - Support DSCP/ToS Priority Classification

Security & Authentication

- Support IEEE802.1q VLAN:
 - Port-Base VLAN
 - Tag-Base VLAN, up to 32 active VLANs
- Support Management VLAN
- Support Port Trunk
- Support Port Mirroring
- Support IEEE (draft version)

Management

- Management via Web/HTTP
- Support SNMP v1 & v2c, RFC 1213 MIB (MIB-II)
- Support RMON MIBs
- DHCP Client
- Auto Provisioning for firmware and configuration upgrade
- Firmware and configuration upgrade via Web/HTTP
- Dual Bank Image



Hardware

- LED Indicators:
 - Power x1: Blue LED
 - FX LINK/ACT x1: Blue LED
 - FX Speed x1: Orange/Green LED (1000M/100M)
 - LAN 1-4 LINK/ACT x4: Blue LED
 - LAN 1-4 Speed x4: Orange/Green/Off LED (1000M/100M/10M)
 - TM LINK/ACT x1: Blue LED
- Support Auto-negotiation for TP Port (10M/100M/1000M and Full/Half mode)
- Support Auto MDI/MDIX auto-crossover for TP ports
- Operate in store and forward mode
- Support Flow Control
- Support 8K MAC Address Table
- Support Jumbo Frame (9k)

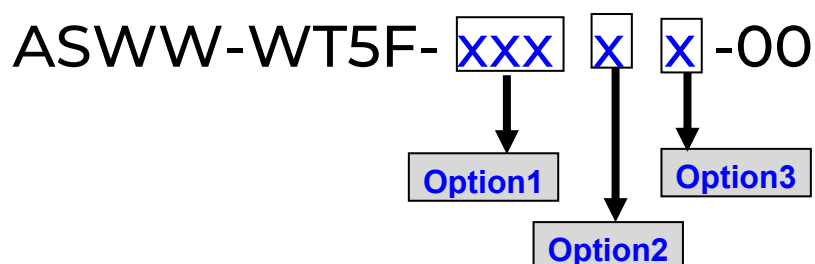
Environmental & Physical

- Installation: Desk Top/Wall Mounting/Magnet Wall Mounting
- Dimension: 115mm x 90mm x 33mm (LxWxH) (without fiber tray)
 - 195mm x 90mm x 38.5mm (LxWxH) (with fiber tray B)
 - 180mm x 90mm x 44.5mm (LxWxH) (with fiber tray A)
- Operating Temperature: 0~50°C
- Storage Temperature: 0~70°C
- Humidity: 20~80% non-condensing
- Power Consumption: <6.5W
- Power Input: DC Jack, 12VDC/1A
- MTBF: 100,000 h (25°C)
- Compliance: RoHS
- Certification: CE



Ordering Information:

Part Number	Description
ASWW-WT5F-xxxxx-00	L2 Gigabit Ethernet Fiber Switch, Managed 10/100/1000 Base-T x5 Port - 100/1000 Base-X x1 Port Series



Option1:

Option Code	Option Descriptions
131	1x9 Dual SC, 1310nm, SMF 20km
13A	1x9 Dual SC, 1310nm, SMF 40km
351	1x9 Bidi SC, T1310nm/R1550nm, SMF 20km
35A	1x9 Bidi SC, T1310nm/R1550nm, SMF 40km

Option2:

Option Code	Option Descriptions
1	With Fiber Tray B (thin)
A	With Fiber Tray A (thick)
0	Without Fiber Tray
2	Without Fiber Tray, with Magnet Bracket
3	Without Fiber Tray, with Wall Mount Bracket

Option3:

Option Code	Option Descriptions
1	100-240V/50-60Hz, 12V/1A, US (Type A), Black
2	100-240V/50-60Hz, 12V/1A, EU (Type C), White

