

Signamax 500-7612GE2GS

12 ports 10/100/1000Base-TX with 2 SFP (100/1000M SFP) Managed Ethernet Switch

Description:

500-7612GE2GS Switch from Signamax adopts the emerging technologies and is able to expand a copper based network from 550m up to 80km through optical fibers. It is going to provide robust and versatile features to fulfill the FTTX demand like Gigabit bandwidth, QoS, Q-in-Q VLAN stacking, Rate limit, SNMP and Web Management. In addition, to achieve the max compatibility with other Metro-Ethernet equipment, 500-7612GE2GS is designed to fully comply with MEF9 UNI test standard.



500-7612GE2GS is fully compliant with IEEE802.3, 802.3u, 802.3ab, and 802.3z standards. The installation & operation procedures of 500-7612GE2GS are simple & straightforward. Diagnostic LEDs located in the front panel indicate the real time operating status.

Features:

- § Comply with IEEE 802.3 10BASE-T, 802.3u 100Base-TX, 802.3ab 1000Base-T, & 802.3z 1000Base-X standards
- § Comply with Metro Ethernet MEF9 UNI standard
- § Twelve 10/100/1000Base-T ports and 2 SFP slots
- § Store and Forward Switching Mechanism
- § Auto-Cross over for MDI/MDI-X in TP port
- § Auto-Negotiation in TP port
- § Support Power ,Console , Fiber 1 , Fiber 2, Link/Act , Speed LED
- § Support SNMP, Web, Telnet and Console management
- § Comply with IEEE 802.1p Priority
- § Comply with IEEE 802.1q Tag VLAN
- § Comply with IEEE 802.1w Rapid Reconfiguration of Spanning Tree
- § Support IEEE 802.3ad Link Aggregation up to 6 trunks and 12 ports in a trunk
- § Support jumbo frame on all ports up to 9k size
- § Support QoS Classification based on IEEE802.1p and DSCP
- § Support Double Tag VLAN (Q-in-Q)
- § Support Rate Limit Control
- § Support SNTP Time Server
- § Support IGMP Snooping v1, v2
- § Support DHCP client and provision server
- § Support FTP, TFTP server and client firmware upgrade
- § Support SNMP v1, v2c network management
- § Support private, RFC-1213, RMON
- § Support Power Down Trap Management
- § Support Radius Authentication
- § Book size form factor for convenience of FTTX installation

Specification:

Standard:

IEEE 802.3 10Base-T IEEE 802.3u 100Base-TX
IEEE 802.3ab 1000Base-T
IEEE 802.3z 1000Base-X IEEE 802.1w Rapid Spanning Tree IEEE
802.1p Priority IEEE 802.1q Tag VLAN
IEEE 802.3ad Link Aggregation

Interface:

10/100/1000Mbps RJ-45 port x 12 1000Mbps SFP slots x 2

LED:

Power , Console , Fiber 1 , Fiber 2 , Link/Act , Speed

Product Spec:

Mac address table: 8K Memory buffer: 340K VLANs: Support up to 64 VLAN Groups Priority Queues: 4 Queues

Forward / Filter Rate:

10M: 14,880/14,880pps 100M: 148,800/148,800pps
1000M: 1,488,000/1,488,000pps

Power:

External Power adapter: Input AC 120V-240V Output DC 12V
Power Consumption: 15W

Typical Operation & Storage Temperature:

Operation: 0° ~ 50°C
Storage Temperature: -20° ~ 60°C
Humidity : 5% ~ 90% non-condensing

Dimension & Weight:

Size: 240 x 155 x 34 mm (WxDxH)
Shipping Weight: 1.75KG

Emission/Safety:

FCC Class A, CE