GPON OLT STICK

Variants

Mini OLT GPON

Details

HSGQ GPON OLT Stick DT:32 – SFP GPON OLT Module

The HSGQ GPON OLT Stick TS-GB32 is a compact SFP-based GPON OLT module designed for switches, routers, gateways, and other Ethernet devices. It provides a simple, flexible, and cost-effective GPON solution for FTTH and FTTR deployments.

Key Features

Feature	Description
Plug and Play	Easy installation with minimal configuration
Management	Supports management and rate limiting functions
GPON Auto Configuration	Supports automatic GPON service configuration
ONU Capacity	Supports up to 32 ONUs with automatic registration
MAC Switching	Supports MAC switching within optical networks
QoS	Supports business flow classification and QoS

Feature	Description
Applications	Suitable for industrial parks, hotels, apartments, shopping malls, schools, and FTTR networks

Core Specifications

Parameter	Specification
Structure	MSA SFP
GPON Rate	2.5 Gbps Downstream / 1.25 Gbps Upstream
TCONT Number	256
Output Power	-2.25db
Maximum Split Ratio	1:32
Maximum Transmission Distance	10 km
FEC	Supported
DBA	Dynamic Bandwidth Allocation Supported
OMCI	Supported
Inter-Optical Network Switching	Supported
Rogue ONU Detection	Supported

Environmental & Power

Parameter	Specification
Operating Temperature	-40°C to +85°C

Parameter	Specification
Power Consumption	3W

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