

CO1011

GPON EoC MDU



Features

- Support full GPON bandwidth of up to 2.5Gbps 1490nm downstream and to 2.5Gbps 1490nm downstream and 1.25Gbps 1310nm upstream access
- HPNA EoC

Tecom CO1011 is the GPON based EoC MDU. Combination with TECOM CB0205 EoC EP could be used to solve MSO two-way high speed internet and IP value added services in existing HFC network without expensive DOCSIS 3.0 upgrade, and could be the solution of FTTB to provide TV/Data/VoIP triple play services on one coaxial cable. CO1011 supports one GPON WAN and 2 RF interfaces with reliable QoS and rate limiting. CO1011 also supports EoC line diagnostic function, SNMP and OMCI for remote management and Web/CLI. CB0205 supports 2 RF interfaces and 2 RJ45 Fast Ethernet interfaces.

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Specifications

Interface

- One SC/APC connector for GPON transceiver(Class B+)
- Two – of RF interfaces
- Two of 10/100Mbps Ethernet Interface (EP CB0205)
- One power jack for 100 – 240 VAC input
- LEDs : PWR, SYS, PON, Coax, C.Q.

Compliant Standards

- ITU-T G.984.1, 984.2, 984.3, 984.4
- ITU-T G.9954
- IEEE 802.1p
- IEEE 802.1Q
- IEEE 802.3
- IEEE 802.3u
- IEEE 802.3x

QoS

- Port-based VLAN
- Q-in-Q VLAN
- Strict Priority
- Weighted Round-Robin priority
- Multicasting IGMP v1,v2 snooping

Security

- AES-128 encryption per Port-ID
- Supporting to Max.256 MAC filtering

Management

- Remote management via OMCI channel
- CLI management via Telnet
- Remote firmware upgrade via FTP server or OMCI channel – Web

Operating Environment

- Operating Temperature : 0 ~ 45°C
- Storage Temperature : -20 ~ +65°C
- Operating Humidity : 15%~85% (non-condensed)
- Storage Humidity : 10%~90% (non-condensed)

Power Requirement

- Power : 100 – 240 VAC input for MDU CO1011
- Power : 12V DC / 0.5A max input for EP CB0205