



OTT-200G

(G.Fast MODEM-106a)



OTT-200G is a G.Fast technology based MODEM solution with phase 1(106a).

Without obstacles of fiber-wirings, Open Telecom's G.fast MODEM solution delivers fiber-like speeds over existing copper infrastructure, addressing last mile issues and reducing CAPEX by deferring the cost of extending fiber to every building and home; G.FAST extends high speed broadband to locations where fiber deployment is difficult.

G.FAST is rated for up to 500 Mbit/sec with distance about 500m. OTT-200G CPE provides one G.FAST (RJ-45) uplink port, one POTS (RJ-11) port, and four 10/100/1000Base-T ports.

- Deliver fiber-like speeds over the last mile of existing copper infrastructure.
- Reduce CAPEX by deferring the cost of extending fiber to every building and home.
- Extend high speed broadband to locations where fiber deployment is difficult.

Specifications

OTT-200G

Features

- CPU: 1GHz Dual core ARM Processor
- 4 Port x 10/100/1000Base-T Service port
- Support POTS
- System reset buttons
- Bridge Mode and NAT Mode
- IGMP Proxy/Snooping
- Port/Protocol-based VLAN QoS
- PPPoE Support
- IPv4/IPv6 Dual Stack

(1) Layer 2

- Standard Ethernet bridging
- Port/Subnet/Protocol based VLAN
- STP/RSTP/MSTP/PVSTP/PVRSTP
- 802.3ad Link aggregation
- Port mirroring
- Rate-limiting with Egress shaping
- MDI/MDIX automatically sense
- Flow Control acc. to 802.3x
- MAC Address Translation with n:n

(2) Layer 3

- IPv4 and IPv6 (Static)
- DHCP Client, Server

(3) Management

- Serial/Telnet (CLI)
- SNMPv1/v2/v3
- RMON
- DHCP Relay Option82

(4) IP Multicast

- IGMPv1/v2/v3
- IGMP snooping V3
- IGMP Proxy V3
- Multicast VLAN Registration (MVR)

(5) QoS

- Conditional rate limiting
- ToS
- CoS(IEEE 802.1p)
- SPQ,WRR Scheduling for QoS • 8 queues per port

(6) G.fast

- Standard : G.fast
- G.9700 (G.fast PSD(Power Spectral Density))
- G.9701 (G.fast Transceiver)
- 106a profile
- On-line Reconfiguration(OLR) for SRA, TIGA, PA and FRA
- Loop diagnostic function
- VDSL2 compatibility

Flash Memory	32MB
SDRAM	128MB
Service Interface	4 port 10/100/1000Base-T
Uplink Interface	G.FAST(RJ-45) 1port POTS(RJ-11) 1port
Power	Local AC/DC Power Adaptor (Input 90~240VAC, 47~63Hz) Adaptor : 12V/1.5A, Wall Mountable
Power Consumption	7W
Operating Temperature	0~50°C
Humidity	0~90% (non-condensing)
Dimension [WxHxD],mm	170mm x 40mm x 125mm



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