

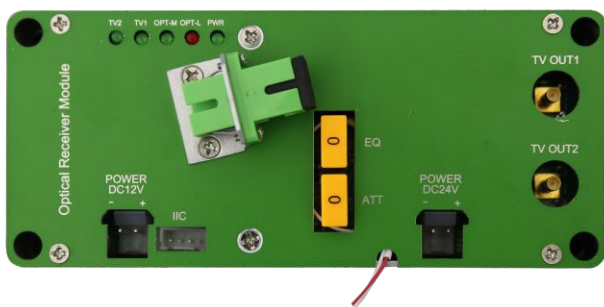


All-in One EOC Master

- Configurations available with 1 xPON ONU module
- Configurations available with 2 HomePlug AV EOC Master modules
- Configurations available with 1 Optical Receiver
- RF output configurations with 4 outputs
- Line Power (from 90 to 264 VAC) or Cable Line Power (60VAC) optional
- 35/47, 42/54, 65/87 type High/Low Filter optional to meet your network
- Supports higher RF output: 104dBuV(4 ports)
- AGC (from -6 to 0dBm) function for stable RF output
- Supports data throughput of greater than 300 Mbps per EOC Master module
- Supports Max link loss greater than 85 dB (40Mbps throughput in lab)
- CLI, WEB management for ONU module
- WEB, SNMP management for EOC module
- Optical Receiver status monitor and control by PON system

EOC Master Module

- Inband Management Port: 1*10/100/1000M auto-negotiation, Rj45
- EOC Standard: IEEE P1901(Draft) , HomePlug AV
- Ethernet Standard: IEEE 802.3, IEEE 802.3x, IEEE 802.3u
IEEE802.1P, IEEE802.1Q
- Network Management: WEB, CLI, SNMP
- Software Features: VLAN, QOS, Bandwidth Control, Broadcast storm limitation
- Two EOC Master Inside one Module



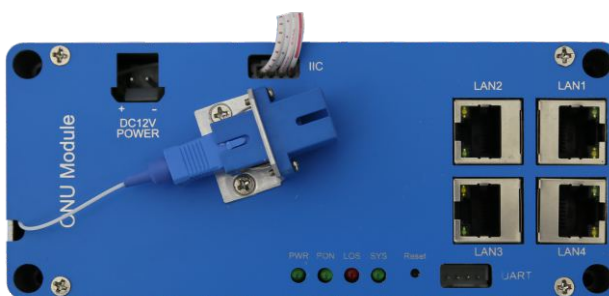
Optical Receiver Module

- Wavelength: 1550±10 nm
- Optical Power Input Range: -10 ~ +2 dBm
- Recommend optical Power Input Range: -6 ~ 0dBm
- Nominal RF Output Level: 108dBuV@TV OUT1/TV OUT2
- Managable through I2C
- FWDM Optional

ONU Module

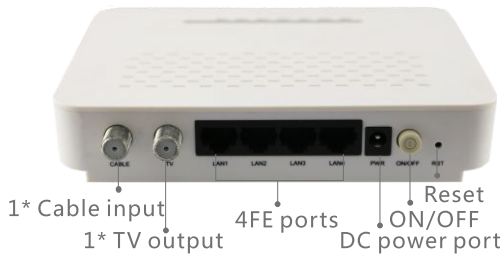
*Dual-Mode
or 2.488Gps*

- Transmission Rate: Upstream: 1.244Gbps, Downstream: 2.488Gbps
- Wavelength: Upstream 1310nm, Downstream 1490nm
- Function: GPON/EPON Dual Mode, Status monitor, Configuration management, Alarm management, Log management



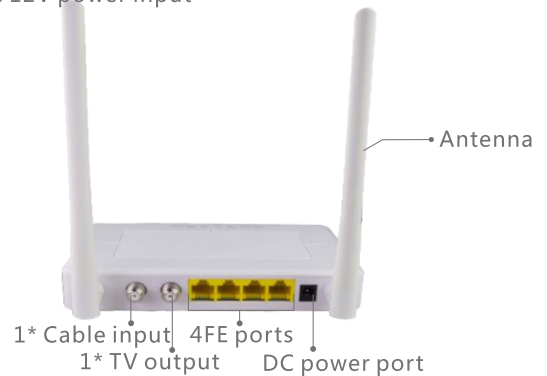
EOC Slave

- Four 10/100M auto-negotiation Ethernet ports
- 35/47.42/54.65/87 type optional
- DC 12V power input

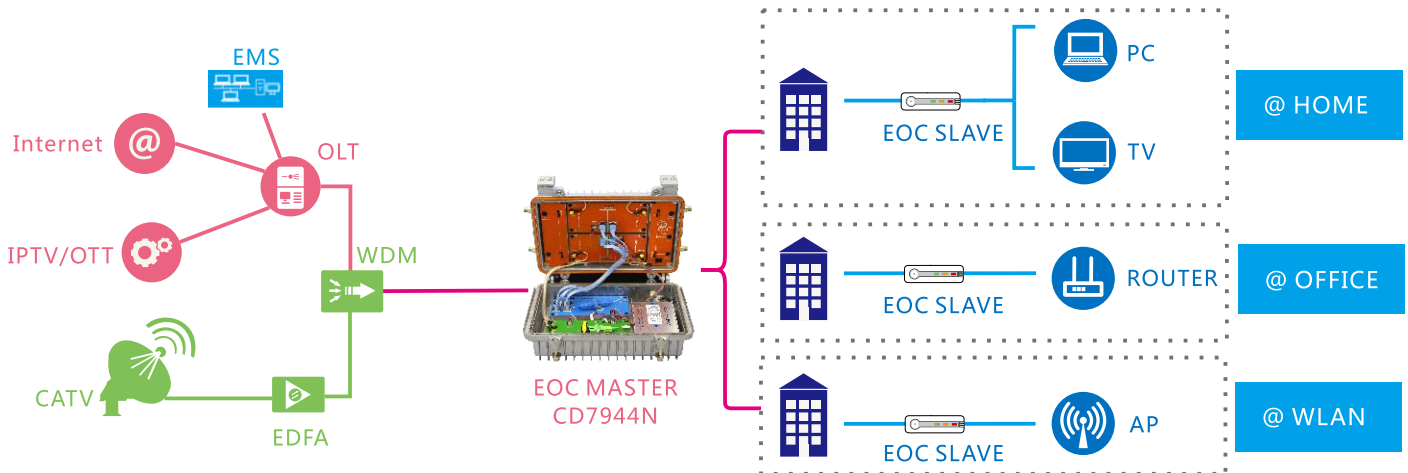


WiFi EOC Slave

- 4*100M auto-negotiation Ethernet port
- Support the isolation of slave under one master
- 19dBm high power wireless
- 2*5dBi External antenna
- 35/47.42/54.65/87 type optional
- DC 12V power input



Typical Scenario – EPON/GPON + EOC Network for CATV Operator



Ordering Information

Model	Description
CD7944N	Built-in one xPON ONU Module, one OR module and two 74 series chipset EOC Modules; one xPON uplink port, one CATV optical input, four TV+data mixed output port, CATV RF output 104dBu@each port, Outdoor waterproof designed. 90-264VAC power supply or 60VAC Cable line power supply feed in and out optional, 65/87 H/L filter is default, 35/47, 42/54 H/L filter is optional.
CD5204W	4*10/100M ports, 2.4G 300Mbps WIFI, 2 external antenna.1 TV output port, 1 mixed input port, 35/47.42/54.65/87 filter optional, DC 12V power.
CD5204	4*10/100M Ethernet ports, 1 TV output port, 1 mixed input port,35/47.42/54.65/87 type optional, DC 12V power.

