

## OEC-302 : CATV+ONU+EOC Multi Gigabit ONU 4 Output



Optical network terminal is made up of CATV optical receiving technology, EPON optical transmitting technology and EOC modulation technology and centralized network management. ONU network unit provides high speed data in EPON and CATV optical receiver offers 862MHz down RF transmitting. EOC OLT modulates high speed data signal to the path of RF low channel and connects with CATV signal, then it forms multiple carrying network which has three transmitting of high speed data, video and voice. Consequently, it satisfies the requirement of innovating of broadcast and television with two-route transformation of CATV network and then promotes development of NGB industry.

The ONU part comprehensively follow 802.3-2005 and the technique requirement of EPON device of China Telecom with 4 ports supporting 10/100/1000Mbps, which owns characteristics of carrier-class operate, manageability and maintainability; EOC part adopts QUALCOMM Incorporated's advanced OLT device, which supports 506 EOC units, remote network management, set and manage QoS, encryption, account and state inquire via WEB/SNMP/TELNET. It has built-in duplexes in order to mix up EOC and CATV conveniently. RF output level is  $4 \times 108 \text{dBu}$ .

### Features:

- Low optical power receiving, EOC Terminal, EPON-ONU ;
- Optical power  $-7 \sim +2 \text{dBm}$  receiving, optical control AGC  $4 \times 104/108 \text{dBu}$  output;
- Digital display of optical power, blue indicator light outside;
- EOC 5 ~ 65MHz RF path, MAC 300Mps speed rate;
- ONU 4 Ethernet ports, supports 10/100/100Mbps;
- Centralized network management, full monitoring; EOC and ONU supports VLAN;
- Field Configuration, anti-lightning power supply, convenient, safe and reliable.

