

# Advanced Multi-Access Platform for FTTB



## AMAP3000 Series

- **FTTB MDU Application**
- **Compact Housing IP65**
- **High Quality CATV**
- **Gigabit PON ONU**
- **EoC Master (Homeplug AV)**
- **IEEE 802.3, IEEE 802.3x,  
IEEE 802.3u Auto MDI**
- **10/100/1000Mbps LAN**
- **1.25Gbps Uplink**
- **Support Remote  
Monitoring and SNMP**

ACT AMAP3000(Advanced Multi-Access Platform) is a series of networking node device designed for next generation PON systems on top of the cost effective traditional CATV coaxial network, delivering multi-media services into the multi-dwelling units (MDUs). AMAP3000 features three main components in one compact IP65 aluminium housing, HFC optical receiver node, Gigabit EPON ONU and Ethernet over Cable Master unit.

AMAP3000 provides the ultimate migration path from traditional HFC to PON type of Fiber to the Building (FTTB) application. It offers high quality CATV signal together with high speed broadband data access, which can be managed through the standard based SNMP management system.

The AMAP3000 EPON module is fully compliant with IEEE802.3, 802.3u, 802.3ab and 802.3z standards. It provides great flexibility to network service operator to connect MDUs with multiple low cost AMAP-EoC CPE AC100 unit. With outstanding performance, quality, and features packed in a compact sized device, the AMAP3000 series is a great selection for Network Operators and Services Providers in Fibre to the Building and business networks.

## Key Features

- Advanced Multi-Access Platform designed for Fiber to the Building (MDU) application
- Suitable for short Coax (few hundred meters) HFC system
- Deliver high speed internet, VoIP and CATV services
- High performance CATV RF spectrum from 45 to 862MHz
- Support NTSC, PAL, DVB-C, DVB-T video standards
- IEEE802.3ah Standard EPON, 1GE uplink, 1GE local LAN port, 1 FE management port and 1 console port
- Optimize the service performance as well as utilization of limited IP resource for service providers
- Integrated Packet over Coax(PoC) Master unit, which can support up to 253 PoC Clients CPE units
- Network monitoring and management through SNMP

## Application Diagram

