



Advanced FTTx (P2MP) & Video Overlay Solutions

- **Active GEPON OLT Solution**
- **L2/L3/L4 Aggregation Switch/Router**
- **Support IPTV Multicast**
- **Optional Video Overlay**
- **802.3ah Compliant**
- **Residential Gateway**
- **Advanced Access Headend Platform**
- **CLI and SNMP**

Next-Generation Network has growing customer demand for VoD, HD channels, IPTV, HSD and VoIP services. To stay competitive, operators need a network solution that can maximize their existing infrastructure, and at the same time has the flexibility to scale up for higher bandwidth next-generation services. Ascent Communication Technology (ACT) network solution has got the answer with a comprehensive product portfolio. Products have been designed with today and tomorrow networks in mind, with ease of technology migration and network upgrade. ACT products cover technologies from HFC Deep Fibre, RFoG, to FTTx (Active Ethernet, PON, PON+EoC).

ACT understands each network has a unique requirement. ACT advises operators the best migration technology that minimize capital investment while provide the required bandwidth for next-gen services.

Advanced FTTH (P2MP)



- L2/L3/L4 Aggregation Switch/Router
- Supports up to 3584 ONUs
- IPTV and Video Overlay
- 352Gb/s Backplane Capacity

Video Overlay



- Converged Headend Platform AH6000
- 1310nm and 1550nm
- FTTH Video Overlay
- Redundant Power
- Advanced Monitoring & Control



- Residential Gateway
- CATV RF Receiver
- 2 POTs VOIP, 4 HSD Data Ports
- 802.11b/g/n
- Flexible Auto Provision Schemes



- 1RU XMOD 1550 TX and EDFA
- Single or Dual Output
- 1RU DMOD 1550 TX and EDFA
- Power Redundancy
- LCD and SNMP EMS

Application Diagram

