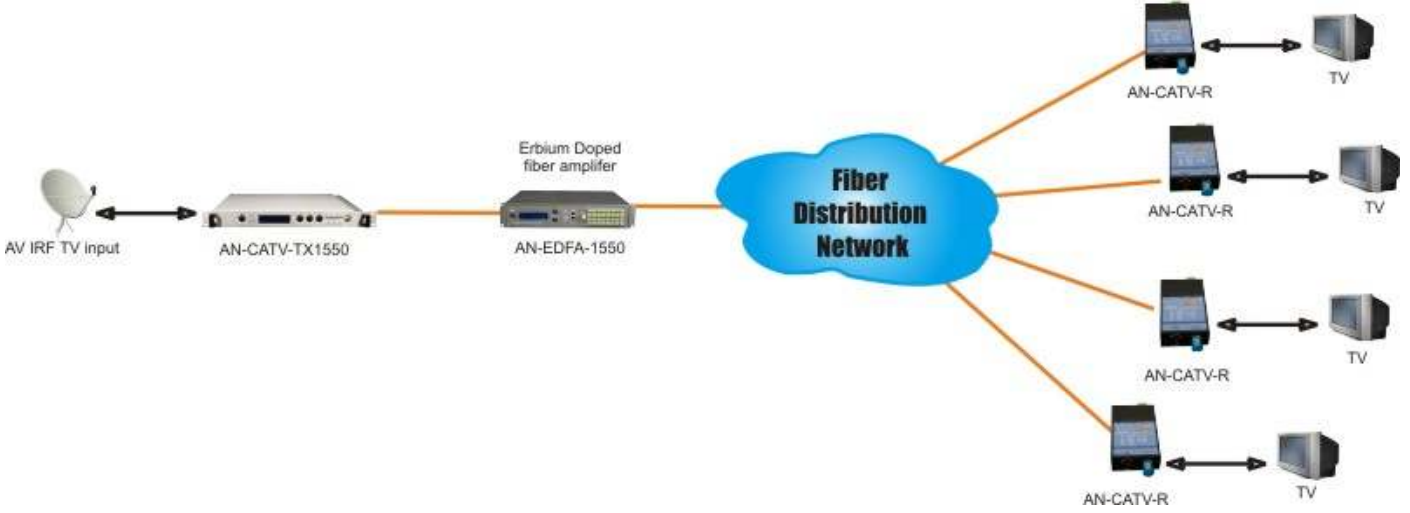


## GEPON Network Üzerinden CATV Servisi

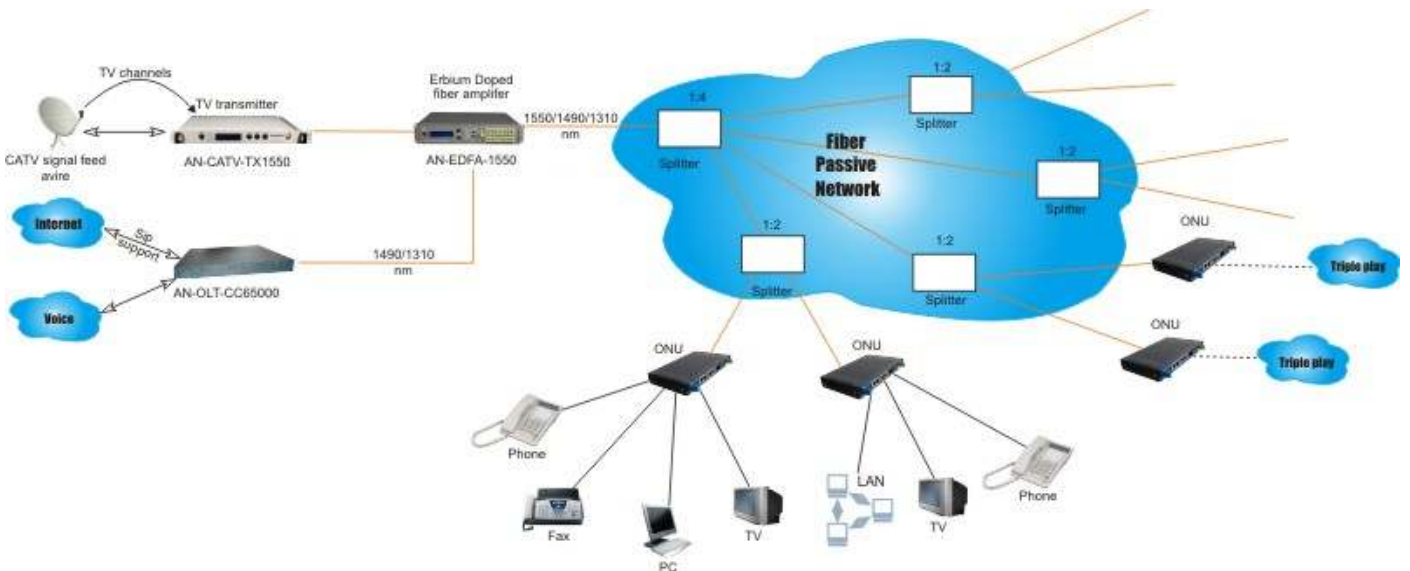
### 1.GEPON Network Üzerinden Sadece TV Sinyali Dağıtımı

- AN-CATV-TX1550 ile TV sinyali (AV & RF) fiber optiğe çevrilir.
- AN-EDFA-1550 - Erbium Dopped Fiber Amplifier ile optik transmisyon mesafesi artırılır.
- 1:N fiber splitter ile PON network oluşturulur.
- AN-CATV-R ile TV sinyali alınır.



### 2.GEPON Network Üzerinden Sadece TV + İnternet + Voice Sinyali Dağıtımı

- AN-OLT-CC65000-4 OLT cihazına gelen voice ( ses ) & internet sinyali 1490 / 1310 nm dalgaboyunda optik sinyale çevrilir.
- AN-CATV-TX1550 ile Analog TV sinyali digital optik TV sinyaline çevrilir.
- AN-EDFA-1550 - Erbium Dopped Fiber Amplifier ile optik transmisyon mesafesi artırılır.
- 1:N fiber splitter ile PON network oluşturulur.
- AN-ONU-FTTH-01 GEPON ONU - CPE 1 CATV + 4 FE + 2 FXS/FXO ile 1 adet CATV sinyali , 4 adet 100M ethernet / internet sinyali ve 2 adet sinyali alınabilir.



## AN-OLT-CC65000-4 GEPON OLT - modular PON access unit



### Standards

- IEEE 802.3ah
- MII GEPON standards
- IEEE 802.1p 802.1Q 802.1d 802.1w
- IEEE 802.3ad

### MAN Interface

- 2 ports fixed, SFP GE
- 1 optional port, SFP GE or 10/100/1000BASE-T
- 1 optional port, SFP GE or 100BASE-F

### PON Interface

- 1Gbps transmission rate
- Network reach: 30 km
- Transmitter power:  $\geq 3\text{dBm}$
- Receiver sensitivity:  $\leq -30\text{dBm}$
- Security: ONU authentication

### System Capacity

- wire-speed switching 64K MAC list
- 4094 VLANs
- Max 4 PON blades
- Max 4 GE interface ports
- Max 64 ONUs support per PON

### Ethernet Service

- MAC learning and banding
- DBA
- Qualities of Service
- Rate control
- ACL
- RSTPP
- Broadcast limit
- Encryption
- Layer 2 isolation
- IGMP multicast

## AN-ONU-FTTH-01 GEPON ONU - customer unit 1 CATV + 4 FE + 2 FXS/FXO



- 1 PON PX-20 or PX-10 port for uplink
- 4 10/100 Ethernet ports
- 2 POTS (FXS/FXO) ports
- 1 CATV port

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Haberleşme sistemlerinde **yüksek performansı** yakalayın

