

# RPU-7401

## FTTB/FTTH 4FE+1 CATV(RF) Ports GEPON ONU



### Product Description

RPU-7401 EPON ONU is a FTTH bandwidth access equipment, integrated with Ethernet and CATV. Based on mature and stable GEPON technology, it has powerful functions with high stability, sound QoS guarantee, comprehensive management and flexible networking construction, etc. RPU-7401 technology standard fully complies with ITU-T IEEE, YDT and telecommunication technology standard.

It could be used with RAY local equipment OLT RPT-6000 to construct EPON system. It could provide multiple service access, meeting the end users' demands for surfing, telephone and video entertainment. It includes 4\*10/100M Ethernet ports ,1 CATV RF port ,1 PON port ,external power supply.

### Application

1. FTTB access based on EPON
2. FTTH access based on EPON
3. Various user share access solution based on EPON

### Features

1. Comply with IEEE802.3ah (EPON),China Telecom EPON technology standard V2.1.
2. Support IEEE802.3AH OAM function.
3. Maximum distance: 20km; Maximum splitting Ratio:1:64(10km).
4. Support various service, such as Data, Voip and IPTV.
5. Support Dynamic Bandwidth Allocation technology.

### CATV (RF) technical feature

1. Working wavelength: 1550+/-10nm.
2. Optical Reflection Loss:>45Db.
3. RF frequency range:54MHz~870MHz.
4. Typical RF output level: 90dBu.
5. CSO: >58dBc.
6. Output reflection loss:>14dB.
7. Output impedance:75Ω.
8. Support output RL level detection.
9. Support CATV service cut-off function.
10. Support remote centralized management.