

# PRODUCT CATALOG

## Chapter 3. xPON

xPON networks provide high throughput point-to-multipoint connections from the Point of Presence (POP) to customer premises. It is popularly used in massive deployment for broadband triple-play services, offering a competitive CapEx and OpEx business model for ISPs and cable operators. Raisecom xPON product line provides both GPON and next-generation 10G PON as XG/XGS-PON technologies for different access bandwidth profiles. A variety of symmetric/asymmetric 2.5GE/10GE downstream and 1.25GE/10GE upstream bit rates are available for ISPs and cable operators to choose their most suitable solutions.

Raisecom xPON portfolio offers a handful of selections at central office side, including large-sized, medium-sized, small-sized and compact rack-mounted OLTs to address different scenarios from intensive populated metropolitans to scattered suburban areas. At subscriber side, various ONTs ranging from simple bridge units (SFU), multi-dwelling units (MDU), home gateway units (HGU) to enterprise and industrial hardened models for different network architectures. In addition to product form factors, Raisecom also differentiates one variety from another according to application scenarios. Low density models serve rural and suburban areas, while those with high density are competent to metropolitan service area coverage. A wide selection of automation tools such as TR-069 based auto provisioning, remote network management and performance monitoring and redundant network topologies are also provided for ISPs and cable operators to achieve a profitable business mode in FTTH deployment rollout.

## 10GPON/GPON OLT Platform

### ISCOM6800, ISCOM6860

The ISCOM6800 is a 13U large-sized integrated platform compatible with both ITU-T G.984/G.987/G.9807 GPON/10GPON standards and IEEE802.3ah/802.3av based EPON/10GEPON standards. The system can access up to 28,672 subscribers ONUs/ONTs with a max 1:128 fiber split ratio of total 228 PON ports. ISCOM6800 also possesses great switching capacities and can be used to aggregate and transport data, voice and video traffic from other OLTs over Ethernet backplane. Enhanced network manageability, reliability and redundancy are supported with ring and dual-homing protection mechanisms and hot-swappable redundant DC power supplies. The system supports multi-purpose access and aggregation of PON and Active Ethernet traffics at the same time.



ISCOM6800

The ISCOM6860 is the medium-sized carrier-grade Optical Line Terminal (OLT) platform. It offers GPON, XG/XGS-PON, EPON, 10GEPON, and Active Ethernet access, for all types of ISPs and cable operators to address medium-size service area coverage. ISCOM6860 is equipped with a high backplane bandwidth of 2.88Tbit/s, high switching capacity of 1.44Tbit/s, and 1:1 backplane redundancy for wirespeed non-blocking forwarding and high reliability services. It provides up to 114 PON ports thus up to 14,336 subscriber ONUs based on a 1:128 fiber split ratio. Raisecom has adopted green concept in line cards and fan units design to save energy by lowering down power consumption and emissions. ISCOM6860 is an ideal solution for FTTx, POL, Triple-Play with CATV overlay, business leased line services and etc.



ISCOM6860

## FEATURES

### ISCOM6800

- Available with mixed line cards for up to 224 x GE or 72 x 10GE interfaces for uplink and Active Ethernet access
- Up to 224 x GPON/EPON interfaces per chassis
- Up to 112 x 10GEPON interfaces per chassis
- 2 x SMCA control cards supporting real-time redundancy
- Up to 28,672 subscribers per chassis based on 1:128 split ratio
- ITU-T G.984 (GPON)
- IEEE 802.3ah (EPON) and IEEE 802.3av (10GEPON)
- Storm control of broadcast, multicast and DLF packets
- Trunk group and Link Aggregation Control Protocol (LACP)
- 1+1 automatic protection and link diagnostic for each PON port
- VLAN, Q-in-Q, QoS, DBA
- IGMP, Multicast VLAN Registration (MVR), DHCP and Option 82
- AES-128 encryption and triple churning
- Hot-swappable redundant power supplies
- CLI, Telnet, SSHv2 and SNMP (NView NMS)

## FEATURES

### ISCOM6860

- Support Layer 2 wirespeed forwarding
- Support up to 112 GPON/XGS-PON/EPON interfaces per chassis
- Support up to 56 10GEPON interfaces per chassis
- Support broadband, voice, IPTV and more services ISPs and cable operators
- Support 1:1 hot-swappable SMC control cards and DC power supplies
- Carrier-grade Type B/C/D PON network protection
- VLAN, including selective Q-in-Q, VLAN mapping and aggregation
- Complete QoS, including dynamic assignment of bandwidth, priority control, multiple traffic classification modes, multiple queue scheduling modes, etc. to meet different QoS requirements for VoIP, video, and Internet access services
- Complete ACL, including L2/L3/L4 and customized policies
- MSTP, link aggregation, DHCP, interface isolation
- Layer 2 multicast, IGMP Snooping, Proxy, MVR, and controllable multicast
- With a low power consumption design for all cards, overall power consumption is below 1000W
- An intelligent fan with automatic speed adjustment according to chassis temperature prolongs its lifespan, reduces noise, and saves energy

## System and Sub-card

### ISCOM6800

- ISCOM6800-18-A, 13U/18-slot chassis with an airflow tray and cable array
- ISCOM6800-SMCA, switching and control card in Slot 9 and 10. 1 console port (RJ45) for local CLI and 1 SNMP out-of-band MGMT interface (RJ45)
- ISCOM6800-EP16, EPON line card, 16 x EPON SFP ports, working in Slot 1-8 and 11-16
- ISCOM6800-XEP8, 10G EPON line card, 8 x 10GEPON SFP+ ports, working in Slot 1-8 and 11-16
- ISCOM6800-GP16, GPON line card, 16 x GPON SFP ports, working in Slot 1-8 and 11-16
- ISCOM6800-GE16, Ethernet line card, 16 x GbE SFP ports, working in Slot 1-8 and 11-16
- ISCOM6800-XP4L, 10GbE line card, 4 x 10GE SFP+ ports, working in Slot 1-8 and 11-16
- ISCOM6800-XP4A, 10GE line card, 4 x 10GE SFP+ ports, working in Slot 19 and 20
- ISCOM6800-XP2A, 10GE line card, 2 x 10GE SFP+ ports, working in Slot 19 and 20

### ISCOM6860

- ISCOM6860-10, 6U chassis without fan array
- ISCOM6860-10-FANS381, intelligent fan array
- ISCOM6800-SMCA, switching and control card in Slot 1 and 2. 1 console port (RJ45) for local CLI and 1 SNMP out-of-band MGMT interface (RJ45)
- ISCOM6800-EP16, EPON line card, 16 x EPON SFP ports, working in Slot 3-9
- ISCOM6800-XEP8, 10G EPON line card, 8 x 10GEPON SFP+ ports, working in Slot 3-9
- ISCOM6800-XG16, XGS-PON line card, 16 x XGS-PON ports, working in Slot 3-9
- ISCOM6800-GP16, GPON line card, 16 x GPON SFP ports, working in Slot 3-9
- ISCOM6800-GE16, Ethernet line card, 16 x GbE SFP ports, working in Slot 3-9
- ISCOM6800-XP4A, 10GE line card, 4 x 10GE SFP+ ports, working in Slot 10
- ISCOM6800-XP2A, 10GE line card, 2 x 10GE SFP+ ports, working in Slot 10
- ISCOM6800-XP4L, 10GE line card, 4 x 10GE SFP+ ports, working in Slot 3-9
- RPA2161-S-220S54, 1U 19" rack-mounted 220VAC to -48VDC rectifier
- RPD2151-48S48, DC -48V power rectifier for RPA2161-S-220S54

## Small-Sized GPON OLT

### ISCOM6820-GP

ISCOM6820-GP is a 2U small-sized OLT that complies with the GPON's ITU-T G.984 standard. The device can support up to 32 GPON ports and 4 x 10GbE uplink ports. The ISCOM6820-GP can aggregate a maximum of 4,096 subscribers ONUs/ONTs in a max fiber split ratio of 1:128.

The complete modular design of the ISCOM6820-GP enables excessive flexibility in deploying, maintaining and expanding services at reduced CapEx and OpEx. Designed for large enterprises, SME and residential fiber access, the ISCOM6820-GP offers a broad range of features delivering triple-play services, simplifying management, and providing high network reliability. The security is assured by implementations of RADIUS and/or TACACS+ authentications, while maximum network uptime is guaranteed by ring protection architecture, real-time monitoring and hot-swappable redundant power supplies.



ISCOM6820-GP

## FEATURES

- Available with up to 32 x GPON ports
- Up to 1:128 split ratio for max 4,096 subscribers per full-load chassis
- VLAN, Q-in-Q, QoS, DBA
- Link diagnostic, port backup/isolation/protection/monitoring, bi-directional FEC
- ARP, DHCP relay, DHCP v4/v6, IGMP snooping v1/v2, IPv4 and IPv6
- Support complete ACL, including L2/L3/L4 and customized policies
- Anti-DDoS, RADIUS, TACACS+, and Storm control
- Service classification per port/VLAN/CoS (DSCP)
- SP, WRR, DRR and SP+WRR queue scheduling modes
- SFP digital diagnostic (DDM), fan, CPU, voltage and temperature monitoring
- ITU-T G.984 (GPON)
- CE and RoHS compliant, RMON I and II standards
- CLI, Telnet, SSHv2 and SNMP (NView NMS)

## System and Sub-card

- ISCOM6820-MCUA: 2 x 10GbE SFP+ ports line card in Slot 1 and 2. 1 console port (RJ45) for local CLI and 1 SNMP out-of-band MGMT interface (RJ45)
- ISCOM6820-GPSC: 16 x GPON SFP ports line card with switching fabric on board in Slot 3
- ISCOM6800-GP16: 16 x GPON SFP ports line card, in Slot 4

## Compact GPON OLT

### ISCOM5508-GP

The ISCOM5508-GP is a compact GPON OLT with enhanced functionality that complies with ITU-T G.984 GPON standard. The device can provide up to 8 GPON ports, 10 x 1GbE and 2 x 10GbE uplink interfaces, also supporting 1 CATV input and 4 triple-lambda outputs on WDF4 expansion card. The full modular design of the ISCOM5508-GP enables maximum flexibility in deploying, maintaining and expanding services while maintaining a low total cost of ownership. Designed for small ISPs and cable operators for residential fiber broadband access, ISCOM5508-GP offers a broad range of features delivering triple-play services, simplifying network management, and providing a high network reliability. The security is assured by implementations of RADIUS and/or TACACS+ authentications, while maximum network uptime is guaranteed by ring architecture, real-time monitoring and hot-swappable redundant power supplies.



ISCOM5508-GP

## FEATURES

- Available with up to 8 GPON ports, 12 x 1GbE and 2 x 10GbE uplink interfaces
- Up to 1,024 subscribers with 1:128 max fiber split ratio for 20km transmission distance
- VLAN, Q-in-Q, QoS, DBA
- Link diagnostic, port backup/isolation/protection/monitoring, bi-directional FEC
- ARP, DHCP relay, DHCP v4/v6, IGMP snooping v1/v2, IPv4 and IPv6
- Support complete ACL, including L2/L3/L4 and customized policies
- Anti-DDoS, RADIUS, TACACS+ and Storm control
- Service classification per port/VLAN/CoS (DSCP)
- SP, WRR, DRR and SP+WRR queue scheduling modes
- SFP digital diagnostic (DDM), fan, CPU, voltage and temperature monitoring
- High performance and network reliability
- Efficient space, flexible installation and easy operation
- CE and RoHS compliant, RMON I and II standards
- CLI, Telnet, SSHv2 and SNMP (NView NMS)

## System and Sub-card

- ISCOM5508-GPSC, the MCU with 4 x GPON SFP ports + 2 x 10GbE (SFP) + 2 x 1GbE (SFP) + 2 x 1GbE (RJ45) in Slot 1. 1 console port for local CLI and 1 SNMP out-of-band MGMT interface
- ISCOM5508-GP4A, GPON line card with 4 x GPON SFP ports in Slot 3
- ISCOM5508-WDF4A, EDFA+WDM line card with 1 x CATV RF Input (1550nm, SC/APC) + 4 x GPON input (1310nm/1490nm, LC/PC) + 4 x output (triple-lambda, LC/APC), in Slot 2 or 3
- ISCOM5508-GE4B, Ethernet line card with 4 x 1GbE SFP ports, in Slot 2 or 3

## Outdoor GPON OLT

### ISCOM5508Q-GP

ISCOM5508Q is an outdoor hardened GPON OLT with cast aluminum casing targeted for outdoor installation. It supports 2 x GE, 2 x GE SFP ports, 2 x 10GE SFP+ ports, and 8 x GPON ports. The cast aluminum chassis supports extended operating temperature range and lightning/dust/water proof. The module is also equipped with Bluetooth connection as a convenient way for the console maintenance without connecting a serial cable. It supports max 1:128 fiber split ratio, thus very suitable for deployment in low population density areas.



ISCOM5508Q-GP

## FEATURES

- Support 2 x 10GbE uplink ports
- 8 GPON ports with 1:128 split ratio
- Support complete ACL including L2/L3/L4 and customized policies
- Support multicast, IGMP snooping, IGMP proxy and MVR
- Complete QoS support including DBA, priority control, traffic classification and queue scheduling
- Embedded dual power supplies
- IP67 protection to meet dust-proof and water-proof requirements
- Wide operating temperature from -10°C to 55°C

## GPON SFU ONT

### ISCOM HT803G-1GE, ISCOM HT803G-1GC, ISCOM5104-GP-HB

The ISCOM HT803G series SFU type bridge optical network terminal (ONT) devices provide a dependable transparent connection to deliver residential broadband access including high speed data and IPTV/CATV services. They provide a simple and straightforward way for ISPs and cable operators to terminate their fiber connections to curb, basements, rooms and enterprise equipment rooms to deliver residential triple-play services as well as business L2 connections. End subscribers will have full freedom to choose any type and generation home gateways or enterprise gateways that fulfill their needs for indoor networking. All GPON FTTX ONTs offer advanced end-to-end management and monitoring functionalities, either on Raisecom NView platform or be integrated/interoperated with other vendor OLT equipment.



ISCOM HT803G-1GC



ISCOM HT803G-1GE

The ISCOM5104G-GP-HB, is a GPON bridge ONT with 4 x GbE LAN ports, targeted for small and medium sized enterprises in multi-LAN equipment interconnect, video monitoring, and other indoor networking applications. It is designed with a metal enclosure, dependable and durable, featuring high protection level, high lightning proof level, thus suitable for various indoor and outdoor cabinet deployment environment.



ISCOM5104-GP-HB

P/N	ISCOM HT803G-1GE	ISCOM HT803G-1GC	ISCOM5104-GP-HB
WAN Interface		1 x GPON port, Class B+	
LAN Interface	1 x GE interface		4 x GE interface
CATV Interface	NA	1 x RF	NA
VLAN, QinQ	Support VLAN, QinQ, QoS, DBA		
Dimension(mm)	80(L) x 80(W) x 26(H)	140(L) x 105(W) x 39(H)	150(L) x 115(W) x 30(H)
Consumption	< 5W		
Management	CLI, SNMP and OMCI via OLT		

## GPON HGU ONT

### ISCOM HT803G-WS2, ISCOM HT803G-WX2

The ISCOM HT803G series optical network terminal (ONT) gateways provide a flexible mix of residential services including high speed Internet, IPTV, voice services and etc. They also provide state-of-the-art Wi-Fi 5/6 connections with MIMO antennas for better indoor coverage for residential and small-and-medium enterprise business subscribers. They offer flexible choices in terms LAN interfaces such as Gigabit Ethernet ports, POTS (FXS) ports and Wi-Fi 5/6 WLAN compliant with IEEE 802.11b/g/n/ac/ax.

All GPON FTTH ONUs offer advanced end-to-end management and monitoring functionality, based on TR-069 based auto provisioning and SNMP monitoring. With latest Wi-Fi 6 technology, wireless data rates can reach 3000Mbps to offer better and faster user experience in home networking.



ISCOM HT803G-WS2



ISCOM HT803G-WX2

P/N	ISCOM HT803G-WS2(M)	ISCOM HT803G-WS2(N)	ISCOM HT803G-WX2
WAN Interface	1 x GPON Class B+		
LAN Interface	4 x GbE		
POTS	2 x FXS	NA	2 x FXS
USB	1 x USB2.0		1 x USB3.0
WLAN	802.11 b/g/n/ac, 2.4GHz & 5GHz, up to 4 SSIDs, MIMO 2 x 2, 2 x external antennas		802.11 b/g/n/ac/ax, 2.4GHz & 5GHz, up to 4 SSIDs, MIMO 2 x 2, 6 x external antennas
Dimension(mm)	184(L) x 129(W) x 38(H)		217(L) x 142(W) x 40(H)
Consumption	<18W		<24W
TCP/IP	Support PPPoE Client, DHCP Server/Client, NAT, Static Route, ALG and W-iFi Bridge		
Mesh	NA		Easy Mesh
Management	Web management, Telnet, CLI and OMCI, TR-069		

## 10GPON/GPON Stick ONT

### ISCOM HT801-GSFP, ISCOM HT801-XGSFP

The ISCOM HT801-GSFP is a GPON ONT stick with MAC. It is in the SFP form and can be inserted into MSA-compliant SFP cages on switches, IP cameras, Small Cells, routers, DSLAMs, or other devices to implement various networking application requirements. In this way, GPON network provides an infrastructure with less complexity in communication and connectivity, lower power consumption and cost, as well as improved network reliability.

The ISCOM HT801-XGSFP is a symmetrical XGS-PON ONT Stick with XGS-PON MAC. Encapsulated in SFP+ form factor, it can act as a miniature XGS-PON SFU ONT bridge independently and work against an XGS-PON OLT device. It can be flexibly inserted and deployed in any hosting devices that provide an open and standard SFP+ cage with adequate power consumption support.



ISCOM HT801-GSFP



ISCOM HT801-XGSFP

## FEATURES

- SFP/SFP+ form factor, small size, elegant appearance, and light weight
- Compliance with ITU-T G.984/G.988/G.987
- Cost-effective and suitable for large-scale applications
- Fully compatible with OLTs of other vendors

## SOHO/Enterprise Gateway

### MSG2200 Series, MSG2100E Series

Raisecom PON/Ethernet gateway family consists of data-access gateway like MSG2200 series and converged gateway like MSG2100E series. MSG2200/MSG2100E series products are the third-generation gateway launched by Raisecom, which meet the needs of SMEs, schools, industry branches, micro enterprises and street shops for bandwidth acceleration and performance improvement, and have SD-WAN access and VPN tunnel capabilities. The products adopt dual-core/quad-core CPU technology, integrating data, voice, security, wireless and other functions to provide users with integrated network access solutions of gigabit broadband and smart government & enterprises.

The MSG2200/MSG2100E series products have cloud platform access capabilities, establish a VxLAN tunnel as the cloud access terminal for SDN controller and vCPEs.

Users can flexibly deploy multiple services on the same platform to reduce the network operation and maintenance costs.

## FEATURES

### Performance and reliability

- High performance and low power consumption, dual-core/quad-core CPU, 900MHz/1.2GHz
- Small size and good durability
- No fan, no noise, and high reliability

### Interface type

- Provide EPON/GPON self-adaptive uplink mode, and optional USB external 4G uplink link backup in WAN side
- Provide GE ports in LAN side, and one of them can be configured as the uplink port

### Routing access

- Support IPV4/IPV6 dual stack, DS-lite tunnel
- Support routing, bridging, NAT, port mapping, DHCP, UPNP and other functions to meet users' basic access requirements
- Support VLAN management and MAC management to facilitate equipment service and port planning
- Support static routing and policy routing protocols
- Support routing backup
- Support multicast IGMP Snooping and IGMP Proxy
- Support rich and flexible QoS scheduling mechanisms: PQ, WRR, etc.

### VPN function

- Support multiple VPNs such as IPsec, L2TP, and GRE
- Support VxLAN, which can uplink to SDN controller and vCPE

### Security function

- Support firewall and access control policies
- Support DDoS, anti-ARP attack, and port scanning defense
- Support MAC, IP and URL filtering
- Support various user authentication modes, such as Radius/LDAP/IP/MAC, support web page push, and various Portal protocols

### Voice function (except MSG2100-UPON-AC, MSG2200 series)

- Support SIP, H.248 and IMS-SIP voice protocols at the same time
- Support G.711a/u, G.723, G.726, G.729 voice codec auto-negotiation
- In terms of voice service, the PSTN supplementary services such as holding, waiting, forwarding calls, three-way calling, hotline service, and Centrex can be implemented to form a rich and powerful overall IP voice solution, providing customers with more voice service experiences

### Management function

- Support multiple management modes, such as TR-069, Web, and SNMP to facilitate service provisioning and operation & maintenance management
- Support zero-configuration for plug and play
- Support NAT-traversal to solve the problem of network management connection between public network and private network



MSG2100E-UPON-4V



MSG2100E-UPON-16V-AC



MSG2200-T4



MSG2200-UP

Software Features		
L2/3 function	Access function	Support routing, bridging, NAT, port mapping, DHCP, UPNP and other functions to meet users' basic access requirements Support IEEE 802.11, MAC management, and VLAN management Support 4G uplink link backup
	Multicast function	Support multicast IGMP Snooping, and IGMP Proxy
	Speed limit function	Support port speed limit, and QoS speed limit
	Routing	Support static routing, policy routing, and route backup
Voice function (except MSG2100/MSG2200 series)		Support SIP, H.248 and IMS-SIP voice protocols Support G.711a/u, G.723, G.726, G.729 voice codec Support T.30/T.38 fax, three-way calling, DND, and call accounting functions
IPv4/IPv6		Support IPv4/IPv6 dual stack, Routing & data forwarding, DS-lite tunnel
Advanced features	VPN	Support IPsec VPN, L2TP VPN, GRE VPN, VxLAN VPN, and PKI management
	QoS	Support priority mapping, traffic monitoring (CAR), traffic shaping, congestion management, and priority management
	Security	Support basic firewall, website filtering, MAC address filtering, and access control Anti ARP and DDoS attacks Support Web authentication, RADIUS authentication, and illegal IP detection

P/N	MSG2200-UP	MSG2100E-UPON-4V	MSG2100E-UPON-16V-AC	MSG2200-T4
WAN	1 x EPON/GPON self-adaptive interface			
4G interface	optional USB external 4G NIC			
LAN	4GE			8GE
Voice interface	NA	4 x FXS voice interfaces	16 x FXS voice interfaces	8 x FXS voice interfaces
USB interface	USB2.0/3.0 high-speed interface			
WLAN	IEEE 802.1b/g/n/ac (4x4 MIMO), 4 external 5dBi antennas	IEEE 802.1b/g/n (2 x 2 MIMO), single-frequency 2.4G Hz, 2 external 5dBi antennas		
Weight	1.2Kg	0.9Kg	2.1Kg	1.7Kg
Dimension(mm)	260(L) x 130(W) x 43(H) (metal shell)		440(L) x 220(W) x 43(H) (metal shell)	320(L) x 200(W) x 43(H) (metal shell)
Power Supply	+12V power adapter		AC 220V power supply	
Max power consumption	≤21W	≤12W	≤27W	≤22W
Operating environment	Operating humidity: 10% ~ 90%, non-condensing Operating temperature: -5°C ~ 55°C;			
Storage environment	Environment temperature: -25°C ~ 70°C; Environment humidity: 10% ~ 90%, non-condensing			
Dust level	IP20			

## Standalone CATV EDFA

### RC5827A-4, RC5830A-8, RC5833A-16, RC5836A-32X-WS

Raisecom standalone CATV EDFA includes models of RC5827A-4, RC5830A-8, RC5833A-16, RC5836A-32X-WS. All models are 19-inch stand-alone product, integrated by splitter, optical amplifier, and 1270 & 1310/1490 & 1571/1550nm wavelength multiplexer, supports 1 or 2 CATV input port, up to 32 PON input ports and 32 COM (CATV+PON) ports. It is optical switch integrated for models with 2 CATV input port. Output power for each EDFA output port is 19dBm. All models support dual AC/DC power supplies and redundant backup.

RC5830A-PWR-D is a pluggable power supply module for RC5827A-4, RC5830A-8, and RC5833A-16. The output power is -48V DC. RC5830A-FAN is a pluggable Fan module for RC5827A-4, RC5830A-8, and RC5833A-16.



RC5830A-8

## FEATURES

- 1540nm~1565nm operating bandwidth for optical amplifier
- Low Noise Figure: Max.  $\leq 5.5$ dB, (@Pin=0dBm,  $\lambda=1550$ nm)
- High performance, high reliability
- Polarization dependent gain: Max. 0.4dBm
- Polarization mode dispersion: Max. 0.5ps
- Input and output pump leakage: -30dBm
- 1550nm output optical port, multiplex 1310nm/1490nm or 1270nm/1571nm data stream
- Be compatible with any FTtx PON Technology: EPON/GEAPON, GPON and XGS-PON
- Perfect RS232, SNMP
- Efficient space, flexible installation and easy operation

## Splitter

### Passive Optical Splitter

The optical splitter is a passive optical plug-and-play device, which connects OLT and ONUs with multiple fiber ends. A splitter is generally deployed in an optical distribution network, allowing carriers to split optical signals to numerous customer premises. Raisecom provides various optical splitters with the following split ratios: 1:2, 1:4, 1:8, 1:16, 1:32, 1:64 to 1:128. The series is classified as indoor, indoor/outdoor and outdoor optical splitters.



Outdoor Optical Splitter



Indoor/Outdoor Optical Splitter