

ANS5004



Product Overview

ANS5004 coaxial cable terminal is an EOC Slave based on Atheros 7411L solution. It's has 4 10/100M full duplex Ethernet ports which can simultaneously connect computer, Set Top Box(STB) or other terminals. When working with Richerlink EoC master series, it can reach the maximum physical rate of 700Mbps and build Layer-2 Ethernet transmit network through television coaxial cable and meanwhile have no influence on the pre-existing CATV signal transmission. ANS5004 occupies low frequency band under 65MHz and has no collision with the current CATV system frequency which can decrease mutual interference. ANS5004 support bandwidth control and encrypted transmission to satisfy high reliable service. The maximum uplink bandwidth can be configured individually in order to prevent the attack to the whole coaxial transmission network

Product Features

- ☐ Compatible with IEEE HomePlug AV, IEEE802.3, IEEE802.3u
- ☐ EoC coaxial cable WAN access, providing TV, 10/100M Ethernet port
- ☐ Support CSMA/CA, CSMA/CD, TCP/IP, PPPoE, DHCP, ICMP, NAT protocol
- ☐ Provide 1 WAN port, 4 10/100M LAN ports, supporting Auto MDIMDIX
- ☐ Support UPnP

Product Specification

ITEM		ANS5004
Port	WAN	One F connector port
	LAN	Four self-adaptive 10/100M RJ45 port
	TV	One F connector port
Standard		IEEE 802.3, IEEE 802.3u, CSMA/CA, CSMA/CD, TCP/IP, PPPoE
EoC	Frequency	7.5-65MHz
	Output Power	110dBuV
	Modulation	OFDM
	Physical Layer Bandwidth	700Mbps
	IP Layer Throughput	200Mbps
	RF Impedance	75ohm
CATV RF	Frequency	87-1000MHz
	Return Loss	>16dB
	Insert Loss	1dB
LED Indicator	WAN	Link / Blink: Green / Red
	LAN	Link / Blink: Green / Red
	Power	POWER (On/Off)
SIZE (W×H)		12mm×8mm×1mm
Environmental Conditions		Work Temperature: 0℃ ~ 45℃ Relative Humidity: 5% ~ 95% (Non-condensing)
Power Supply		DC 12V/0.5A