Overwiev

CD5202L/CD5204L is the EOC slave based on HomePlug AV solution for Ethernet access over coax. It works together with EOC master which is based on HomePlug AV solution as well to construct a two-layer Ethernet data transmission channel on CATV coax cable, provide the Ethernet access service based on the existing coax cable networking.

CD5202L is slave with 2 Ethernet ports while CD5204L is the one with 4 Ethernet ports .

CD5202L/CD5204L is based the Qualcomm chipset solution,   with high anti jamming capability OFDM technology. The 7.5-65MHz low frequency band is used for EOC signals. Built in high isolation filter as CATV RF and EOC signal mixer, the EOC signal and CATV signal in 87~862MHz can run on one cable without interference. The PHY Layer speed is 600Mbps,the MAC Layer throughput is up to 320Mpbs.

Features:

ν Based on HomePlug AV solution and Qualcomm chipset

ν 7.5-65Mhz frequency for EOC signals., no influence on CATV Service

ν PHY Layer speed 600Mbps

ν Support data encryption

ν 2 or 4 100M auto-negotiation Ethernet port

ν Support the isolation of slave under one master

ν Support Port-based VLAN and 802.1q VLAN

ν Support bandwidth limited

ν Support QOS configuration based on slave port or VLAN.

ν Support broadcast storm control.

ν Support data packages count

ν Automatically distribute configurations to newly connected slaves, available to use as soon as correctly connected and power on.

ν Support WEB,CLI and SNMP management

ν Support on-line upgrading

Specifications:

Item	Parameters	CD5202 CD5204
Interface & indicator	RF interface	1*TV(RF signal) OUTPUT, metric F connector 1*CABLE(MIX)INPUT, metric F connector
	Ethernet interface	2*10/100M auto-negotiation, RJ45 (CD5X02 Series) 4*10/100M auto-negotiation, RJ45 (CD5X04 Series)
	Power interface	1*DC12V power supply interface
	LED indicators	1 x power indicator 1 x system indicator 1 x CABLE indicator LAN indicator(each Ethernet port has 1 indicator)
Performance parameters	RF parameters	Frequency:7.5-65MHz Output level:110±5dBuv Receive sensibility: 45dBuv Return loss: >15dB Output impedance: 75Ω
	Transmission	PHY Layer:600Mbps Throughput on MAC Layer:320Mbps
	Modulation Mode	OFDM