

1000M EOC master (AV2)

CLM-D2E4XX1(DM1004A)



Outdoor type



Feature

1. Support 500M bandwidth when work in 7.5M-86Mhz/AV2
2. Support 300M bandwidth when work in 7.5M-67.5Mhz/AV
3. Support to be compatible with 7410 chip master and slave when work in AV mode(7.5-67.5MHz)

Technical Parameters

Parameters	Specification
Chip	1000
Work frequency	7.5~67.5mhz or 7.5~86MHz
Output Power	≥105dBμV
Receive Sensitivity	25-30dBμV
RF Connector	F type Female socket(English system)
Output impedance	75Ω

Modulation mode	OFDM BPSK QPSK 16/32/64/128/256/512/1024/2048/4096QAM
Work mode at MAC layer	CSMA/CA,TDMA
Data rate	800Mbps
Throughput rate	300 or 500Mbps
Eth Connector	RJ-45
Standard	IEEE802.3,IEEE802.3af, 10/100/1000Base-T
Smart bit	64Byte~1518Byte
VLAN	IEEE802.1Q (VLAN lagging)
Security	128-bit AES data encryption
Qos	Support 802.1P Support the priority number:8 Support different business isolation for different users Support different business isolation for one user Support the isolation between business and software upgrading
EoC SNMP	Meet HomePlug AV/IEEE P1901 relative standard
Management	Support SNMP, local WEB or CLI interface
Power supply	AC60V
Operating Temp.	-20℃~+70℃
Power consumption	<10W
Relative Humidity	Less than 95%
Gas pressure	70kpa~106kpa
No causticity gas, no dust, no magnetic field disturb	
In the real operation, there is no filter noise problem. when working at -20℃~+70℃, no hang.	