



[EOC Master](#)



Description:

EOC provides Ethernet Access through Coaxial Network, offer Cable TV signal transmission for Operator based on existing Cable network as well as Broadband

Data Access. In Network Applications, EOC include One in One out Head End

Equipment and Two in Two out Head End Equipment called Master one Master can support

63 Salvers, network structure can be star type or tree type.

is the Master of EoC with single port output and two ports output, normally it

layouts at the node position in CATV system, through Ethernet port and upper Ethernet

equipment(such as ONU)'s connection to input Data signal, through TV Coaxial interface

input inhere CATV signal, mixed these two signal and transmit in Coaxial Network.

is outdoor Head End, use waterproof,dustproof,anti-corrosion acid and alkali

salt solid aluminum casing, support outdoor working environment.

Product Features:

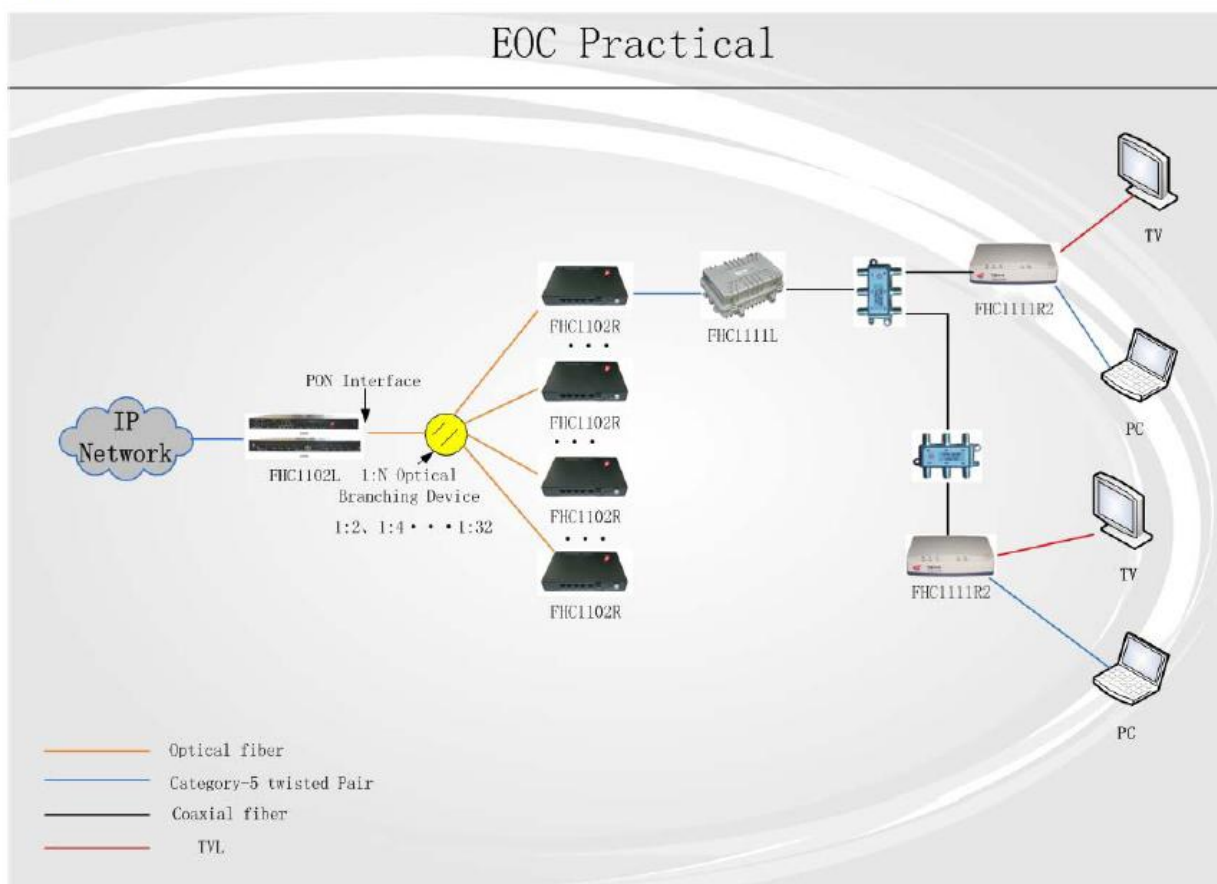
- ◇ No need set new cable, transmit DATA by ready coaxial cable
- ◇ Can exist with present analog TV, DVB digital TV, IPQAM etc.
- ◇ Single EOC Master connect 253 Slavers
- ◇ No need new power supply, can get power directly for down-link equipment
- ◇ OFDM modulation,multi-carrier technology to ensure stable transmission of data in noisy environment
- ◇ Support CLI/WEB/SNMP management,support Slaver's template pre-configure and Master's template configuration

Product Specification

Item	Specification
Model Number	FHC1111L
Standard	Ethernet Standard IEEE 802.3, IEEE802.3x, IEEE802.3u
Protocol	CSMA/CA (EoCMA, up) , TDMA(down)
Phisycal Speed	200Mbps
Modulation Technology	OFDM anti-noisy, 1024/256/64/16/8 QAM, QPSK, BPSK
Max.Slaver number	253pcs of 200M EoCslaver
Max. RF loss distance	<700m (<60dB loss) , pure coaxial 1000m
Frequency Range	7.5~30MHz
TX Power	≥ 10dBm
Receive Sensitivity	≥-80dBm
TX Level	≥118dBuV
Maximum Output Level	116dBuV
Full Rate Max.Attenuation	≥60dB
TV, Cable Return Loss	87MHz-1000MHz ≥ 16dB
TV Insert Loss	87MHz-1000MHz < 1.5dB
Cable Insert Loss	5MHz-30MHz; 87MHz-1000MHz < 1.5dB
Safety	128-bit AES data encryption
QoS	802.1Q、802.1P
LED light	Power, Link, Data

Interface Indication	1-RJ45 interface
	2-TV In interface
	2-RF Out interface
Power	≤ 10w
Power Supply	60VAC (feed) or 220VAC (electricity)
Environment Requiement	Storage Temperature: -20℃~70℃
	Working Temperature: 0℃~45℃
	Humidity: 10%-90%(non-condensing)

Application




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