

4FE EoC Slave

Introduction

FOT EoC-S704 is 4LAN port EoC slave. Fiber Optic Telecom’s coaxial cable network unit adopt HomePlug AV solution, with highly interference resistance. It works with EOC master in Ethernet over coax network and provides layer-2 Ethernet Access to users through television coaxial cable and meanwhile without influence on the existing CATV signal transmission.



EoC-S704

Feature

- Qualcomm7411 chipset, HomePlug AV, OFDM Module technology
- 4 10/100Mbps Ethernet ports, Auto-negotiation
- 7.5-65MHz low frequency, 700Mbps Physical layer bandwidth. max MAC layer bandwidth is 320Mbps
- Support NMS to manage data configuration and remote upgrading
- Support encryption of uplink and downlink data
- Support slave isolation, broadcast storm limitation
- Support VLAN and QOS configuration
- Dynamic bandwidth allocation
- Auto transmission of slave configuration from uplink EOC master
- Support WEB,CLI and SNMP management

Specification

Item	Description
Model	EoC-S704
Standard	HomePlug AV,IEEE1901, IEEE 802.3, IEEE 802.3u, IEEE

	802.3u,Auto MIDI(X), IEEE 802.1q, IEEE 802.1x
Port	LAN: 4 10/100M auto-adaptive, RJ45 connector TV: 2 CATV coaxial port, Mixed signal input and TV signal output interfaces, F type metric or imperial connector optional
EoC	Chipset: Qualcomm7411 Frequency Bandwidth: 7.5-65MHz Output power: $\geq 110\text{dBuV}$ Physical layer rate:700Mbps; MAC layer throughput:320Mbps Output Resistance:75 Ω
CATV RF	Frequency Bandwidth: 87-1000MHz Return Loss:>16dB Insert Loss: $\leq 1\text{dB}$
Management	Supports remote WEB management, CLI, SNMP
Modulation mode	OFDM
NMS Function	VLAN, QOS, bandwidth limitation, broadcast limitation
Encryption mode	128-bit AES encrypted
Transmit distance	<1000m
Power Supply	12VDC
Power consumption	<5 W
Size (mm)	180 (length) * 110 (width) * 31(height)
Operation Temp.	-0~40 °C
Stock Temp.	-10~70 °C
Operation Hum.	20%~85% non- condensation
Stock Hum.	10%~90% non- condensation