TELESTE

PRODUCT FAMILY	DESCRIPTION
ETHERNET OVER COAX	**EOC03 & EOC04**

FEATURES

>> ENTROPIC EN2510 **MoCA™ 2.0** Chipset

>> **EOC03** - **1 x GIGABIT** Ethernet Port
EOC04 - 4 x GIGABIT Ethernet Ports

>> **EOC04 -** 802.11ac 2.4 & 5 GHz **Wi-Fi**

>> Minimum **400 Mbps Throughput**

>> UK & EU style **PSU**

>> Carrying **FAST**, **RELIABLE** and **CONSISTENT** data to 16 modems

>> **TR-069** & **SNMP**

SPECIFICATIONS

SPECIFICATION TABLE FOR EOC04

ETHERNET INTERFACE	Gigabit Ethernet Ports	4 x RJ45
CABLE INTERFACE	Cable Input Loop Through Output	F-Type, 75 Ohm F-Type, 75 Ohm
DIPLEXER	Low Pass	5~1002 MHz
	Insertion Loss	2 dB Max.
	Return Loss	10 dB Min.
	High Pass	1125~1675 MHz
	Insertion Loss	3 dB Max.
	Return Loss	10 dB Min.
EOC SYSTEM	Main Chip	Entropic, EN2510 MoCA ® 2.0 compliant RGMII Interface
	Network Centre Frequency	1175~1625 MHz
	Frequency Range	1125~1675 MHz
	Channel Bandwidth	50 MHz
	Throughput	Min. 400 Mbps MAC rate & PHY rate 800 Mbps
POWER ADAPTOR	Main Input	100-240 VAC~50/60 Hz
	DC Output	12V@5A
	Power Consumption	<10W
PLASTIC HOUSING	Dimensions	185 x 120 x 30 mm
REGULATION	CE Compliant, EMC / LVD	

ETHERNET OVER COAX ADAPTOR

MoCA® TECHNOLOGY

Bring your coax to life using Ethernet over coax technology. The Teleste **EOC03 & EOC04**, based on the MoCA®2.0 standard, makes use of the unused capacity in existing coax. This does not interfere with Freeview, CATV or other services, and allows you to fully wire your home to support Ethernet connections without installing new cable. The connections can be used to support many different applications in the home.

Teleste EOC Technology can deliver a minimum of 400 Mbps up to 16 locations around the home, over 250m of coaxial cable.
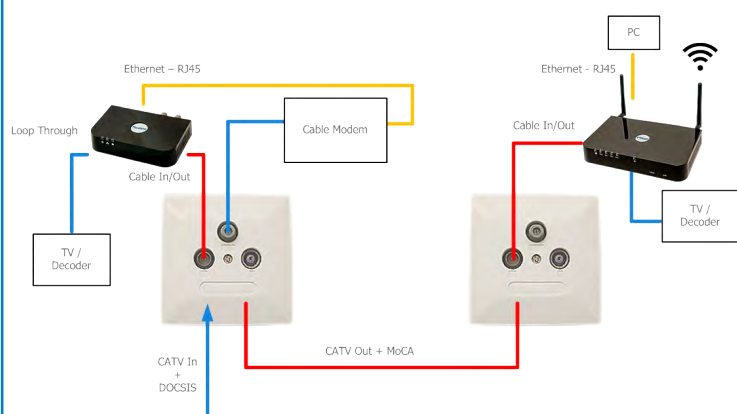
SPECIFICATION TABLE FOR EOC03

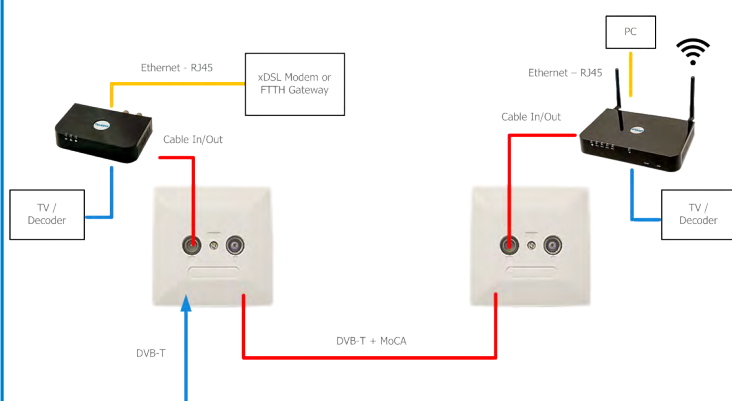| ETHERNET INTERFACE	Gigabit Ethernet Port	RJ45		Main Input	100-240 VAC~50/60 Hz
CABLE INTERFACE	Cable Input Loop Through Output	F-Type, 75 Ohm F-Type, 75 Ohm	POWER ADAPTOR	DC Output	5V@5A
DIPLEXER	Low Pass	5~1002 MHz		Power Consump-	<10W
	Insertion Loss	2 dB Max.	PLASTIC HOUSING	Dimensions	125 x 80 x 28 mm
	Return Loss	10 dB Min.	REGULATION	CE Compliant, EMC / LVD	
	High Pass	1125~1675 MHz	CERTIFICATION	RoHS Compliant, WEEE	
	Insertion Loss	3 dB Max.			
	Return Loss	10 dB Min.			
EOC SYSTEM	Main Chip	Entropic, EN2510 MoCA® 2.0 compliant			
	Network Centre Frequency	1175~1625 MHz			
	Frequency Range	MoCA® D Band Supported			
	Channel Band-width	50 MHz			
	Throughput	Min. 400 Mbps MAC rate & PHY rate 800 Mbps			

ORDERING INFORMATION

EOC03	Generation 2 Single Ethernet over Coax Adaptor. EU PSU.
EOC04	Generation 2 2.4 & 5 GHz + 4 GB Ethernet over Coax. EU PSU.
EOC-03-UK	Generation 2 Single Ethernet over Coax Adaptor. UK PSU.
EOC04-UK	Generation 2 2.4 & 5 GHz + 4 GB Ethernet over Coax. UK PSU.

SCHEMATICS

TELESTE DVB-C EOC

SCHEMATICS

TELESTE DVB-T EOC

WHAT DOES IT MEAN TO LIVE IN AN EOC ENABLED HOUSE?

Internet connection Ethernet wired to EOC04

RF Loop Through support

Wi-Fi

Powerful Wi-Fi coverage

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EOC 2.0 provides direct wired Internet connection - NO MORE:

- Issues with streaming performance

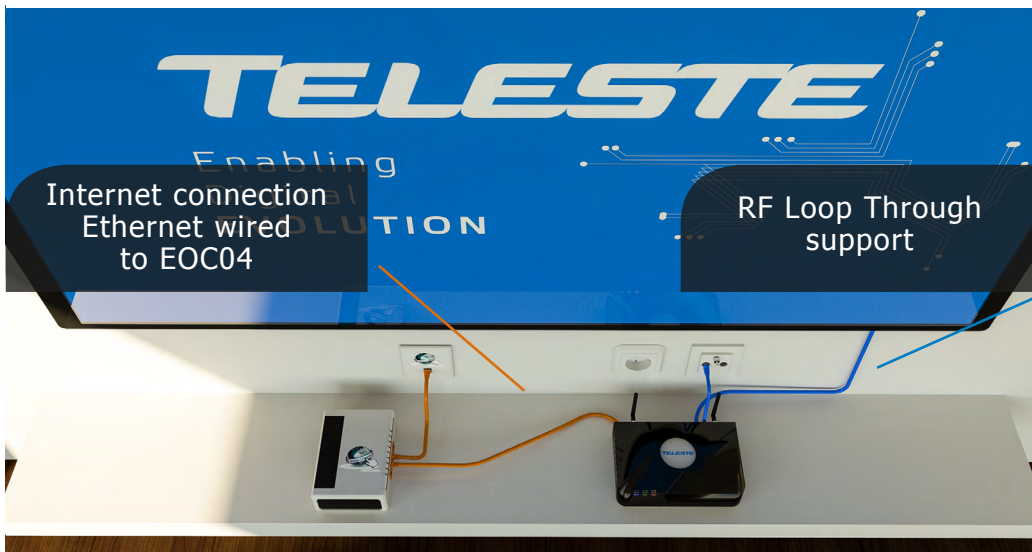- Picture breakup during fast motion sequences

- Pauses for signal buffering

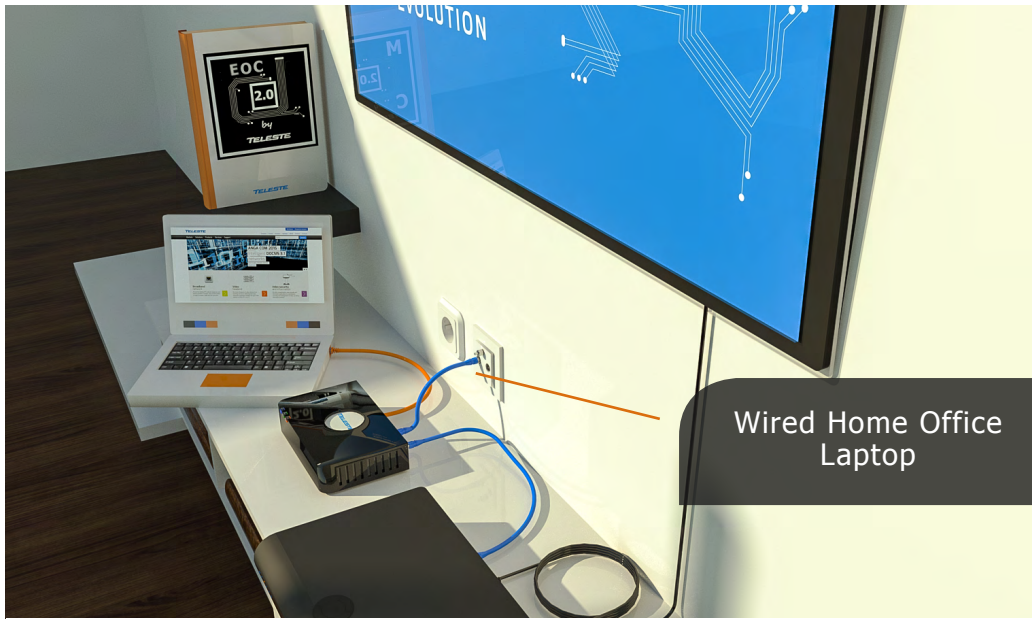**EOC 2.0** interoperates with all types of Internet connections, i.e. FTTH, xDSL, DOCSIS

EOC 2.0 adaptors from Teleste provides Wi-Fi coverage for the home and garden

- No dead spots

- 2.4 & 5 GHz Wi-Fi

Teleste EOC adaptors provides your home office with a stable, direct, wired Ethernet connection

Perfect streaming of shared 4K and HD media from NAS

Wired Home Office Laptop

Every TV point is now a wired Ethernet point

NAS drive attached to an EOC adaptor

Smart TV with cabled Ethernet

Install an EOC 2.0 Wi-Fi at any coax point throughout the house

Experience great signal as you move around the home

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