EOC 2-32 Ethernet over Coax | Peer-to-Peer | 1800 Mbps | WiFi

- ✔ Feeding IP signals into SAT, CATV or DVB-T systems or headends
- ✔ Transmission range 5…204 MHz, may only be used if the forward path frequency range starts from 258 MHz
- ✔ Net data rate 1800 Mbps (PHY)
- ✔ 128 bit AES encryption
- ✔ 2 x RJ 45 Connectors
- ✔ WiFi access point for tablet, smartphone, notebook etc. (2,4/5 GHz Band)
- ✔ Incl. external switching power supply

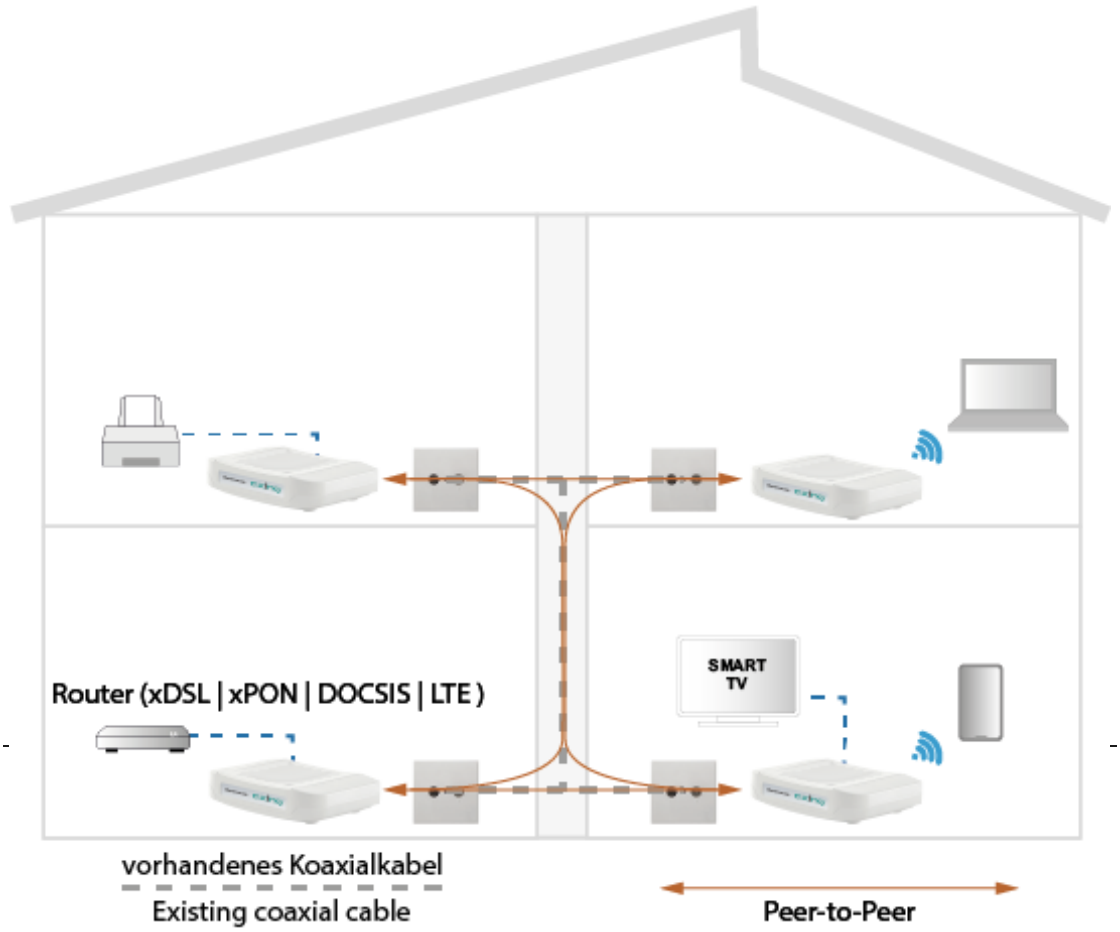
Order information

Type	EOC 2-32
Order no.	EOC00232
GTIN	7611682007817
PE	1
VE	1
EU customs tariff number	85176200

Technical data

Frequency range	5…204 MHz
Maximum allowed attenuation in coaxial network	77 dB
Transmission level in coaxial network	113 dBµV ± 1dB
Data over Coax	
Standard	ITU-T G.9960/G.9961 G.hn over Coax
Net data rate (PHY)	1800 Mbps*
Encryption	AES 128 Bit
Max. number of devices in coax network	16
Connectors	2 × F-female
Interfaces	
Ethernet connectors	2 × RJ 45
Ethernet standards	IEEE 802.3u 100BaseT Fast Ethernet IEEE 802.3ab 1000BaseT Gigabit Ethernet
WiFi standard	IEEE 802.11ac wave 2 (MU-MIMO)
WiFi encryption	WEP, WPA/WPA2, WPA/WPA2 m. PSK
WiFi frequency range	2400 … 2484 MHz @ 2.4 GHz 5150 … 5350 MHz | 5470 … 5725 MHz @ 5 GHz
Max. transmitted power	20 dBm (EIRP) @ 2400 … 2484 MHz 23 dBm (EIRP) @ 5150 … 5350 MHz 30 dBm (EIRP) @ 5470 … 5725 MHz
General	
Operating temperature range	0° C … 50 °C
Operating voltage	12 VDC
Power consumption	8 W
Dimensions (W × H × D) appr.	130 x 95 x 32 mm
Weight	0.33 kg
External accessories	
Switching power supply	100…240 V~/50…60 Hz | 12 V=/1 A
General	
Comments	* The data rate indicates the data throughput between the EoC devices. For technical reasons, a maximum of 1000 Mbps is available at each Ethernet interface.

Example of use



Suitable products

EOC 1-32 Ethernet over Coax | Peer-to-Peer | 1800 Mbps
TZU 40-05 RF and EoC inserter
TZU 19-68X High-pass filter | return path blocker | 5…204 MHz
BZU 30-204 Passive return channel bypass 5 … 204 MHz