

EOC 30-01 Ethernet over Coax | Master | 1800 Mbps



- ✓ Feeding IP signals into existing coax cable networks for max. 16 Endpoints
- ✓ Data transmission range 5...204 MHz
- ✓ Net data rate 1800 Mbps (PHY)
- ✓ 128 bit-AES-Encryption
- ✓ Web interface for configuration
- ✓ 2 x RJ 45 Connectors for internet modem and configuration
- ✓ Incl. external switching power supply

Order information

Type	EOC 30-01
Order no.	EOC03001
GTIN	7611682008074
PE	1
VE	1
EU customs tariff number	85176200



Technical data

Frequency range	5...1800 MHz
Frequency range transmission	5...204 MHz
Frequency range TV bypass	258...1800 MHz
Maximum allowed attenuation in coaxial network	77 dB
Transmission level in coaxial network	113 dBμV ± 1dB
EoC	
Standard	ITU-T G.9960 G.hn over Coax
Net data rate (PHY)	1800 Mbps*
Encryption	AES 128 Bit
Max. number of devices in EoC network	16
Connectors (G.hn TV)	2 x F-female
Interfaces	
Ethernet connectors (LAN)	2 x RJ 45
Ethernet standards	IEEE 802.3u 100BaseT Fast Ethernet IEEE 802.3ab 1000BaseT Gigabit Ethernet IEEE 802.3az Energy Efficiency Ethernet
General	
Operating voltage	12 VDC
Power consumption	<5 W
Operating voltage over Coax	60 VAC ± 20%
Operating voltage over LAN (PoE)	37...57 V
Operating temperature range	-10°C...55°C
Operating humidity (non-condensing)	10...95%
Dimensions (W x H x D) appr.	178 x 136 x 35 mm
Weight	0.375 kg
External accessories	
Switching power supply	100...240 V~/50/60Hz 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.

Suitable products

[EOC 30-02 Ethernet over Coax | Endpoint | WiFi](#)

[EOC 30-03 Ethernet over Coax | Endpoint](#)

[TZU 19-68X High-pass filter | return path blocker | 5...204 MHz](#)

[TZU 40-05 RF and EoC inserter](#)