

EoC Controller 32/2 B

Art. Number 383104



EoC controller (32/2 B)

The EoC controller is used as the main unit to control up to 32 endpoints in an EoC system. The controller acts as both an L2 switch for ethernet and as a media converter from ethernet to coax and back to ethernet, allowing both TV and data signals to use the same coax cable. Provided that G.hn and TV signals are controlled within the frequency ranges mentioned below.

Main features

- G.hn for data on 1...200 MHz
- TV on 300...862 MHz
- 4x ethernet port
- Combining up to 32 EP's on same COAX
- 2x coax EoC out ports, supports port bundling
- 1x coax TV in port
- Supports VLAN tagging
- Status LED's + reset button on front

Technical Specifications

ORDER INFORMATION

EAN Number 5702663831049

CHARACTERISTICS

Crosstalk TV IN - EoC OUT dB	> 51 (@200MHz) dB
Input level dBμV	< 115 (TV) dBμV
Output level dBμV	100 (G.hn) dBμV
Traffic Management	<p><p>VLAN:</p> <p>Portbased VLAN (802.1Q)
Client</p> <p>Isolation (guest mode):</p> <p>Per SSID/VLAN
Multicast:</p> <p>IGMP/MLD</p> </p>

Technical Specifications

FREQUENCY RANGE

Frequency Range G.hn MHz	2...200 MHz
Frequency Range TV MHz	300...862 MHz

LOSS

Through Loss EoC OUT - EoC Ana. Frontend dB	< 4.5 (@2...200MHz) dB
Through Loss TV/EoC IN - TV/EoC OUT dB	< 4 (300...862MHz) dB

RETURN LOSS

Return Loss EoC OUT dB	> 10 dB
Return Loss OUT dB	> 10 dB
Return Loss TV dB	> 10 dB

ELECTRICAL

Impedance Ω	75 Ω
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OPERATIONAL

Ethernet Interface	10/100/1000
G.hn Standard	G.hn Wave 2 ITU-T G.9960 / ITU-T G.9963 (G.hn PHY) G.9962 (MAC & DLL)
Humidity - operating %	5...95 %
AC Supply voltage VAC	230 @50Hz 0.06A VAC
Power Consumption (typ.) W	10...14 W
PSU/adaptor INFO	Included Euro Plug (CEE 7/17)
Temperature - operating °C	0...50 °C

CONNECTORS

Connector LAN	RJ45 female
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MECHANICAL

Dimensions product (H x D x W) mm	45x220x430 mm
Packaging Depth m	0.245 m
Packaging Height m	0.073 m
Total Weight kg	4.287 kg
Packaging Width m	0.463 m
Net Weight kg	4.024 kg
Packing QTY	1
Tara Weight kg	0.263 kg
Packaging Volume m3	0.008 m3