EoC Controller 64B EP MediaC

Art. Number 383107

EoC controller (64 B)

The EoC controller is used as the main unit to control up to 64 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. Combining of up to 64 Endpoints is possible on same COAX.

Main features:

- G.hn for data on 1-200 MHz
- TV on 300-862 MHz
- 4x ethernet port
- Combining up to 64 EP's on same COAX
- 4x 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	5702663831070

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

Technical Specifications

Output level | dBμV	100 (G.hn) dBμV
FREQUENCY RANGE	
Frequency Range G.hn | MHz	2...200 MHz
Frequency Range TV | MHz	300...862 MHz
LOSS	
Through Loss TV/EoC IN - TV/EoC OUT | dB	< 8 (300...862MHz) dB
Through Loss EoC OUT - EoC Ana. Frontend | dB	< 2.0 (@2...200MHz) 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
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)
AC Supply voltage | VAC	230 @50Hz 0.06A VAC
Power Consumption (typ.) | W	10...25 W
PSU/adapter INFO	Included Euro Plug (CEE 7/17)
Temperature - operating | °C	0...50 °C
Humidity - operating | %	5...95 %
CONNECTORS	
Connector LAN	RJ45 female
MECHANICAL	
Dimensions product (H x D x W) | mm	45x220x430 mm
Packing QTY	1
Packaging Height | m	0.007 m
Packaging Width | m	0.463 m
Packaging Depth | m	0.245 m
Packaging Volume | m3	0.001 m3
Net Weight | kg	4.024 kg
Tara Weight | kg	0.263 kg
Total Weight | kg	4.287 kg

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