connecting the future

EoC Controller 32B EP MediaC

Art. Number 383106

EoC controller (32 B Mediaconverter)

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	5702663831063
CHARACTERISTICS	
Traffic Management	<p>VLAN:
Crosstalk TV IN - EoC OUT | dB	> 51 (@200MHz) dB
Input level | dBµV	< 115 (TV) dBµV
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	

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Technical Specifications

Through Loss TV/EoC IN - TV/EoC OUT | dB	< 4 (300...862MHz) dB
Through Loss EoC OUT - EoC Ana. Frontend | dB	< 4.5 (@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...14 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	0.073 m
Packaging Width | m	0.463 m
Packaging Depth | m	0.245 m
Packaging Volume | m3	0.008 m3
Net Weight | kg	4.024 kg
Tara Weight | kg	0.263 kg
Total Weight | kg	4.287 kg

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