

connecting the future



## EoC Coax WiFi Endpoint

Article number: 383200

### Product description:

#### EoC Coax WiFi Endpoint

The EoC endpoint with WiFi enables WiFi coverage via coax cables. The endpoint is the last element in a system with an EoC controller, splitting your TV and data signals into WiFi/ethernet for data and coax for TV.

Main features

- G.hn for data on 1...200 MHz
- TV on 260...862 MHz
- Bandwidth up to 1600 MBit/s (shared with other Endpoints on same COAX out)
- WiFi 802.11ac wave 2
- 1x ethernet port
- Supports VLAN tagging

### Specifications

ORDER INFORMATION	
EAN Number	5702663832008
CHARACTERISTICS	
WIFI	<b>Standard:</b> 802.11g/n @2.4GHz 2x2 - 802.11n/ac @5GHz 2x2 WPA/WPA2 (personal or enterprise) TKIP/AES-CCMP cipher Layer 2 Isolation <b>Channel width:</b> 5GHz: 20/40/80MHz - 2.4GHz: 20/40MHz
Traffic Management	<b>VLAN:</b> Portbased VLAN (802.1Q) <b>Client Isolation</b> (guest mode): Per SSID/VLAN <b>Multicast:</b> IGMP/MLD
TX power EIRP / frequencies	<b>Europe (ETSI) :</b> < 20.0 / 100mW (@2412...2472MHz - Ch. 1...13) < 23.0 / 200mW (@5150...5350MHz - Ch. 32...68) < 30.0 / 1000mW (@5470...5710MHz - Ch. 96...140)
RX sensitivity	-91 @2,4GHz / -86 @5GHz dBm
Crosstalk TV IN - EoC OUT	> 52 (@0.3...200MHz) dB
Input level	< 115 (TV) dB $\mu$ V

Output level	100 (G.hn) dB $\mu$ V
<b>FREQUENCY</b>	
Frequency Range G.hn	2...200 MHz
Frequency Range TV	260...862 MHz
<b>LOSS</b>	
Through Loss TV/EoC IN - TV/EoC OUT	< 3.8 dB
Through Loss EoC OUT - EoC Ana. Frontend	< 3.7 dB
<b>RETURN LOSS</b>	
Return Loss TV	> 10 dB
<b>ELECTRICAL</b>	
Impedance	75 $\Omega$
<b>OPERATIONAL</b>	
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	100...240 @50/60Hz VAC
Power Consumption (typ.)	8 (stby: 4) W
DC Current consumption	800 @12Vdc mA
External PSU/adapter	Included
Temperature - operating	-10...40 °C
Temperature - storage	-20 ...70 °C
Humidity - operating	20...80 %
Humidity - storage	10...90 %
<b>CONNECTORS</b>	
Connector LAN	RJ45 female
Connector TV	F-female
Connector OUT	F-female
Connector DC	DC jack 5.5mm/2.1mm (IEC A)
<b>MECHANICAL</b>	
Main material	Plastic housing ABS
Dimensions product (H x D x W)	37 x 119 x 185 mm
Colour	White
Packing QTY	1
Packaging Height	0,060 m
Packaging Width	0,295 m
Packaging Depth	0,145 m
Packaging Volume	0,003 m <sup>3</sup>
Net Weight	0,430 kg
Tara Weight	0,121 kg
Total Weight	0,551 kg