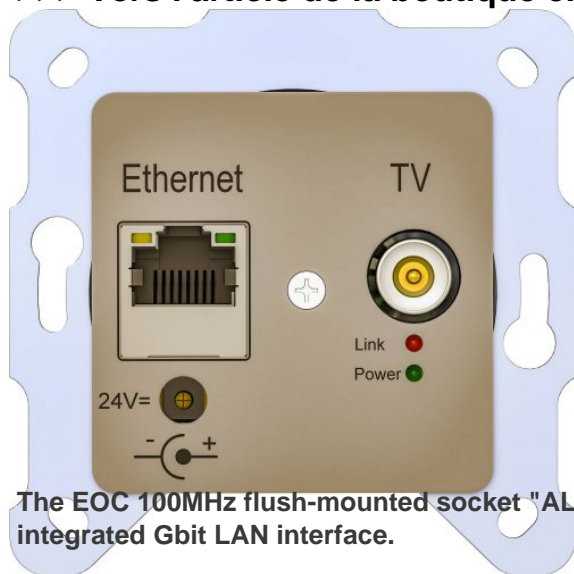


## ALLNET Point-to-Point Coax 8 Port Master Chassis/Amplifier EOC 100 zbh. EOC G.hn flush-mounted box/through box "ALL-GHN108S-100-UP socket

>>> Vers l'article de la boutique en ligne



EAN CODE

The EOC 100MHz flush-mounted socket "ALL-GHN108S-100-UP-Dose" is a C-through socket with integrated Gbit LAN interface.

- A coaxial cable is used for simultaneous transmission of DVB-C (108 MHz - 850 MHz) and network data (<108 MHz).
- Internet/network data can be used via the Gbit Ethernet connection.
- The coax socket provides a broadband cable signal (108 MHz to 860 MHz) and can be used with a standard receiver.
- The TV signal is output via the coaxial socket, the network data via the RJ45 socket.
- The networking of the individual flush-mounted boxes/G.hn modules takes place automatically.
- The EOC 100 "ALL-GHN108S-100-UP-socket" can be operated via remote power supply by an ALL-GHN108M-Coax-100 or with a 24V/1A power supply unit.
- 4 subsequent EOC100 "ALL-GHN108S-100-UP-sockets" can be supplied.
- The EOC 100 "ALL-GHN108S-100-UP-socket" can be installed in a single flush-mounted box as well as in a multiple flush-mounted box.
- Each EOC 100 "ALL-GHN108S-100-UP socket" can exchange data with any other flush-mounted socket.
- Wiring/connection of the EOC flush-mounted boxes to the ALL-GHN108M-Coax-100 are described in the.

### Recommended application/Use Case:

Building upgrade with Gigabit with existing coaxial cabling and a small budget:

- Home users
- Small company networks
- Hotels
- Hospitals

- Sanatoriums
- Retirement homes
- Renovation of old buildings

## Comparison of the Transmission Standard

| Standard                       | G.Hn via COAX                   | WLAN  | Powerline  | DOCSIS 3.0/3.1 over coax  |
|--------------------------------|---------------------------------|---|--|---|
| Net data rate                  | 1.5 Gbit                        | 240 Mbit - Wi-Fi 4 <sup>2</sup><br>600 Mbit - Wi-Fi 5 <sup>2</sup><br>800 Mbit - Wi-Fi 6 <sup>2</sup> | 400 Mbit Powerline AV1200 <sup>2</sup><br>400 Mbit Powerline AV2000 <sup>2</sup> | 1600 Mbit/s download <sup>3</sup><br>240 Mbit/s upload <sup>3</sup> |
| Acquisition cost               | medium                          | Wi-Fi4 devices cheap<br>Wi-Fi5 devices medium<br>Wi-Fi6 devices expensive                             | AV1200 devices cheap<br>AV2000 devices medium                                    | high<br>requires DOCSIS - CMTS server                               |
| Power consumption              | up to 4W/Gbit                   | 6 W/Gbit<br>Access point included   | up to 6 W/Gbit   | >8 W/Gbit<br>server included  |
| Susceptibility to interference | not susceptible to              | yes, by many users  | yes, by electrical consumers   | not susceptible to  |
| Eavesdropping security         | yes                             | WPA3 yes<br>WPA2 no   | yes  | yes   |
| Visual impact                  | small<br>disappears in the wall | medium<br>router stands around  | large<br>protrudes from the wall socket  | medium<br>modem stands around                                       |

<sup>2</sup> Source: <https://de.wikipedia.org/wiki/Datendurchsatz>

<sup>3</sup> Source: [https://de.wikipedia.org/wiki/Data\\_Over\\_Cable\\_Service\\_Interface\\_Specification](https://de.wikipedia.org/wiki/Data_Over_Cable_Service_Interface_Specification)

### Technische Daten:

- C-throughput in-wall socket
- Can be integrated into single outlets and multiple outlets
- Frequency range 2 – 80 MHz
- Network standard : G.Hn
- Data rate Gross: 1000 Mbps
- Data rate Net: 700 Mbps
- Attenuation 300 – 860 MHz: -2 dB (18db coupling)
- Attenuation 300 – 860 MHz: -3 dB (12db coupling)
- Coupling: 16 dB (other values on request)
- Hardware encryption : AES 128-bit
- Quality of Service: VLAN/TOS/Packet Classifier/Virtually perfect transmission with IPTV

Only suitable for DVB-C wiring



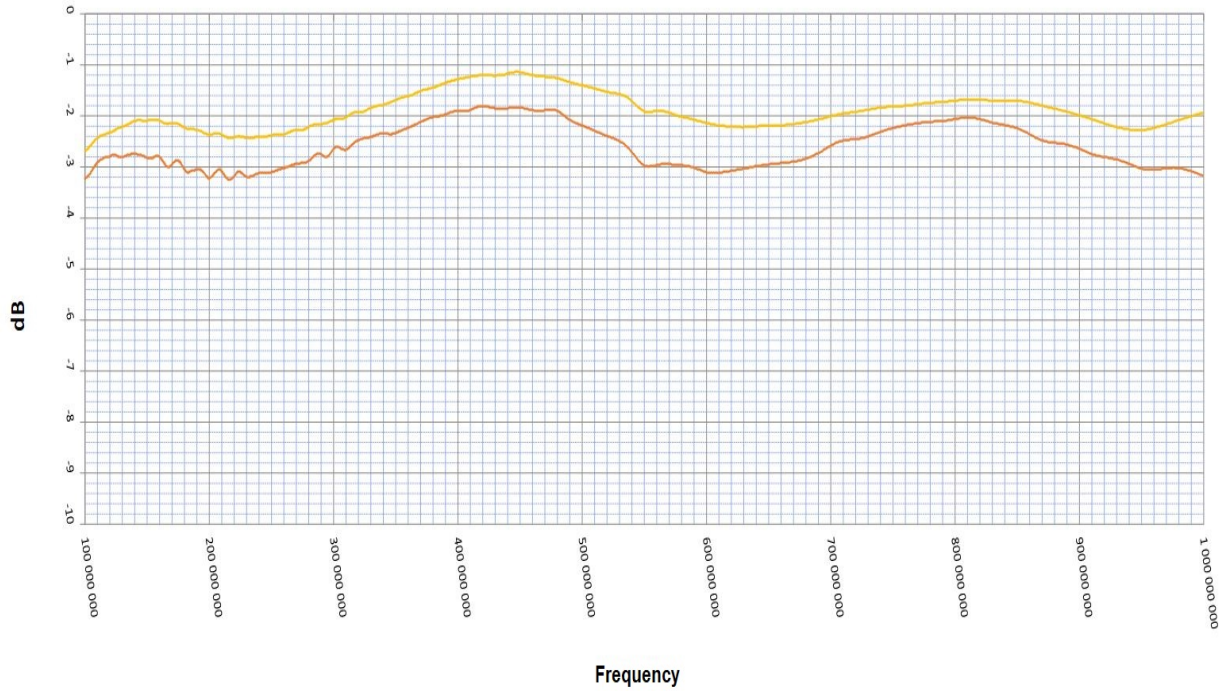
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Satellite wiring is not supported

**Power Consumption EOC 100**

| Datarate net | Power Consumption |
|--------------|-------------------|
| 50 Mbit/s    | 2.06 Watt         |
| 100 Mbit/s   | 2.27 Watt         |
| 200 Mbit/s   | 2.47 Watt         |
| 300 Mbit/s   | 2.68 Watt         |
| 400 Mbit/s   | 2.81 Watt         |
| 500 Mbit/s   | 2.90 Watt         |
| 750 Mbit/s   | 3.05 Watt         |

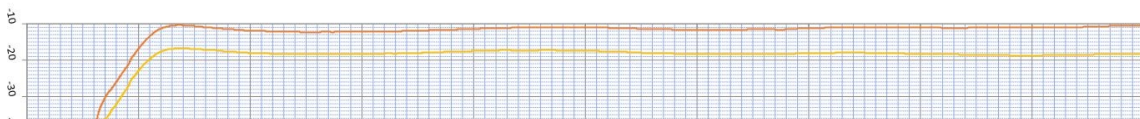
EOC 1000 Outcoupling Attenuation 12dB and 18dB





No. d'article: 221230  
Numéro de fabricant: ALL-GHN108S-100-UP-Dose

EOC 1000 Outcoupling Attenuation 12dB and 18dB



[www.allnet.de](http://www.allnet.de)

ALLNET GmbH, Maistraße 2 - 82110 Germering - sales@allnet.de - 089 / 894 222 22  
Sous réserve d'erreurs et d'omissions.

Côté 5/6



No. d'article: 221230  
Numéro de fabricant: ALL-GHN108S-100-UP-Dose

## Accessoires

| No. d'article | Désignation   |
|---------------|---|
| 193132        | ALLNET Point-to-Point Coax 8 Port Master Chassis/Amplifier EOC 100 without modules incl. power supply "ALL-GHN108M-Coax-100"                    |
| 221229        | ALLNET Point-to-Point Coax 8 Port Master Chassis/Amplifier EOC 100 zbh. EOC G.hn module for chassis 100MHz                                      |
| 221231        | ALLNET Point-to-Point Coax 8 Port Master Chassis/Amplifier EOC 100 zbh. EOC G.hn WIFI flush-mounted box/pass-through box "ALL-GHN108S-100-WIFI" |