

devolo Fiber Connect

Technical Specifications



G.hn (Wave-2)
MIMO



Optimal for 250 Mbps
symmetric Full Duplex



1x Gigabit
Ethernet port



Integrated
socket and filter



Suitable for all
private houses



Plug & Play



Powerline-based IP bridge for fiber connections: The Plug & Play solution for optimal Wi-Fi and wireless telephony coverage

devolo's new solution transports the speed enabled by fiber to the router, via PLC. The router can stay where it belongs: in the center of the home – delivering the full potential of the fiber connection end-to-end. An extremely flexible solution optimized for DIY installation.

Product features

Utilises existing power line

Up to 250 Mbps symmetrical full duplex network throughput from the cable modem/optical network termination (FTTH/ONT) to the router. Covering 80-90% of all IP-based broadband services.

Powerline technology

The next generation of powerline communications, based on G.hn Wave 2 with MIMO technology.

Save time and costs

A plug & play solution that can be easily installed by your customers. It's pre-paired and automatically secured. This reduces technical service effort and saves costs.

Secure

devolo Fiber Connect adapters only communicate with each other – they are not reachable from the internet.

Gigabit LAN port

The adapter is equipped with a Gigabit Ethernet LAN port to bring the fiber speed to the router.

Suitable for all private houses

Flexible router placement thanks to Powerline technology. All routers are supported.

Thought of everything

Compact devolo wall plug design incl. pass-through power socket.

Engineered in Germany

devolo's experience as world market leader in PLC results in a 3 year warranty.

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Technical Data

Standard	IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3x, IEEE 802.3az, IEEE 802.1p; Auto MDI/X, HomeGrid Forum (HGF)
Speeds	Ethernet 10/100/1000 (Mbps) / Powerline 1200/2400 (Mbps)
Modulation • Carrier	Powerline OFDM - 4096/1024/256/64-QAM, QPSK, BPSK
Security	128 Bit AES
LEDs	PLC (multi)
Button	Pairing / Factory Default (depending on operation sequence)
Socket • plug • countries	Type F (CEE 7/4) • (DE, NL, ES, PT, AT, SE, FI, NO, GR, HU, SI)
Output power on integrated socket	16 A
Device connection	1 x Ethernet RJ45
Power supply	196-250 V AC / 50 Hz; internal
Current and power consumption	Stand-by: 0.7W / typ.: 2.8W / max.: 4.8W
Attenuation filter	2–80 MHz (Filter characteristics -22 dB to -45 dB)
Temperature (operation / storage)	0°C to +40°C / -25°C to +70°C
Environmental conditions	10–90 % humidity (non-condensing)
Dimensions (in mm, without connector)	130 (L) x 66 (W) x 42 (H)
Approvals	CE compliant
Warranty (in years)	3
Accessories	Documentation: printed installation instruction Ethernet patchcord RJ45-RJ45

