

Technical data - WebJack 5040

Standards	Ethernet specifications IEEE 802.3, IEEE 802.3x, IEEE 802.3u, Auto MDI / X, HomePlug AV, IEEE 1901
Processor	QCA 7420 (Qualcomm Atheros)
Protocols	CSMA/CA (Powerline)
TR 069	NO
Transmission speeds	Ethernet 10/100 (mbps), Powerline 200/500 (mbps)
Transmission method	asynchronous
Modulation • Carrier	OFDM - 2880 carriers, 4096/1024/265/64-QAM, QPSK, BPSK
Data path	Ethernet <-> power supply grid
Range (in m)	Powerline: 300
Security	128-bit AES encryption via powerline, pairing: can be activated directly by pressing a button (random key) or manually and individually using software
LEDs	Power (multi)
Socket / Connector / Countries	DE, NL, ES, PT, AT, SE, FI, NO, GR, HU, LU: Type F (CEE 7/4) / Type F (CEE 7/4), FR, BE, PL: Type E (CEE 7/7) / Type E + F (CEE 7/7 + CEE 7/4), UK, CY: Type G (BS 1363) / Type G (BS 1363), CH: Type J (SEV 1011) / Type J (SEV 1011)
Device port	Ethernet RJ45
Power output	230 V / 16 A max. (to integrated socket)
Attenuation filter	2-68 MHz
Filter characteristics	-22 db to -45 db
Power consumption	Maximum 0.1 A - with Maximum: 3,5 W, Typical: 2,5 W, Stand-by: 0,3 W
Power supply	internal, 196-250 V AC, 50 Hz
Temperature	-25°C to 70°C (Storage); 0°C to 40°C (Operating)
Weight of adapter	240 g
Dimensions	130 x 66 x 42 mm (height x width x depth)
Colour	white (can be defined as desired in project)
Ambient conditions	10-90% Humidity (non-condensing)
Additional BOM	Ethernet cable (2 meters), installation flyer, CD, additional bill of materials can be selected in the project
Compatibility	Compatible with 200 Mbps HomePlug AV, coexistent with 14 Mbps HomePlug 1.0 and HomePlug 1.0 Turbo
Quality of Service Features	<ul style="list-style-type: none"> • Data prioritisation for quality assurance of real time applications (e.g. VoIP or IPTV) • FEC (Forward Error Correction) and Retransmissions • 4 priority levels • Priority levels can be adapted individually for the application (depending on the project)
Buttons	Encryption button (for pairing the adapters) - can optionally be equipped with a „Reset“ function
Operating systems	Windows® 8 32/64-bit, Windows® 7 32/64-bit, Vista 32/64-bit, XP 32-bit, Linux®, Mac OS® X and all operating systems with TCP/IP support
Certifications	CE Class B (EU, NO, CH)

