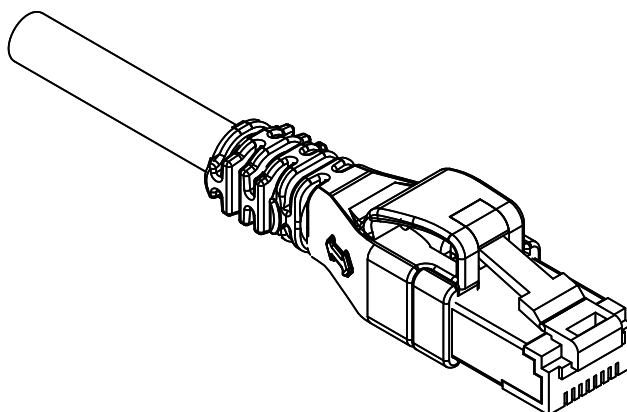


Technical Datasheet

EasyLan® Patch Cord DualBoot® PushPull Cat.6 ISO/IEC

Article No. : see on page 3



d c b a	Änderung Änderung Ergänzung Neuerstellung	11.07.2023 15.11.2021 21.05.2019 14.09.2017	MW MW LP LP	drawn	14.09.2017	LP	 EasyLan® ...for a better connectivity
				appr.	14.09.2017	MJ	
				Titel: EasyLan® Patch Cord DualBoot® PushPull Cat.6 ISO/IEC			
				Drawing Number: ZN-CU161005			
Index	Revision Code	Date	Name				Dimensions: mm
							Original: DIN A4
							Sheet 1 of 3

Technical Data

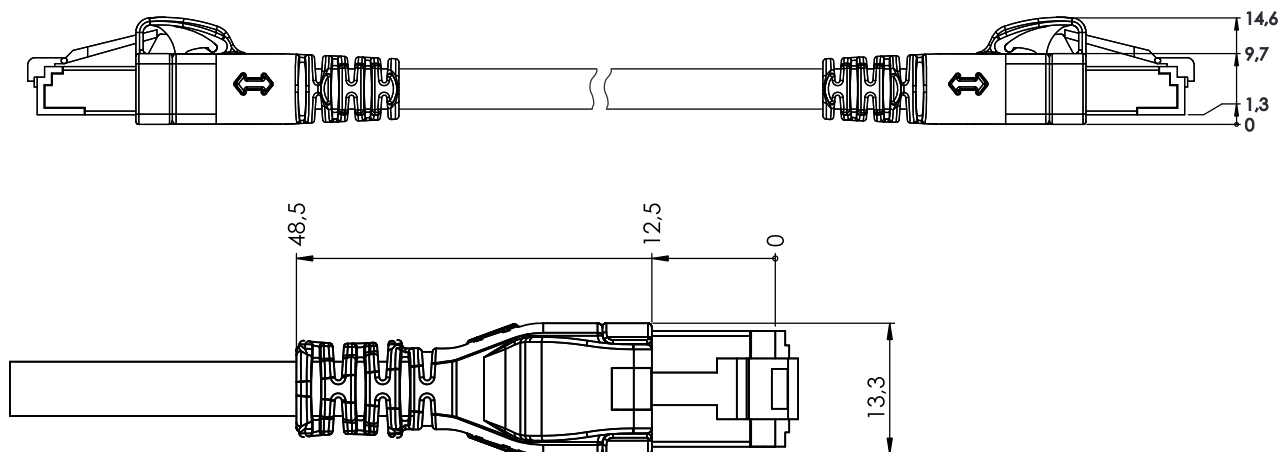
General Data	
Connection	1:1
Colors	white, black, gray, red, yellow, green, blue, turquoise, violet, orange
Identification possibility	Colorclips (Order No.: CPZHS7BOX)
Cable Characteristics	
Cable type	S/FTP
Number twisting elements	4P+1
Twisting elements	Pair
Configuration	LSHF (LSOH) acc. EN50290-2-27
Braid	AWG26/7
Category	Cat. 6 ISO/IEC
Shielding	shielded
Connector Characteristics	
Housing material	Polycarbonate
Pin plating	Au (Gold)
Environmental Conditions	
Temperature range during operation	-25°C to + 60°C
Temperature range during installation	0°C to + 50°C
Approvals	
RoHS	conform
Standards	
General requests	ISO/IEC 11801 Ed.2.2: 2011-06 DIN EN 50173-1: 2011-09 TIA/EIA 568-C.2 DIN EN IEC 60332-3-24
Plug	DIN EN 60603-7
Transmission Characteristics	
Category (ISO)	6
Category (TIA)	6
Remote powering	yes
PoE	IEEE 802.3af
PoE +	IEEE 802.3at
PoE ++	IEEE 802.3bt
UPoE	yes
HDBaseT	yes
Bit rate up to 10 GBit	IEEE 802.3an

d c b a	Änderung Änderung Ergänzung Neuerstellung
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Technical Data

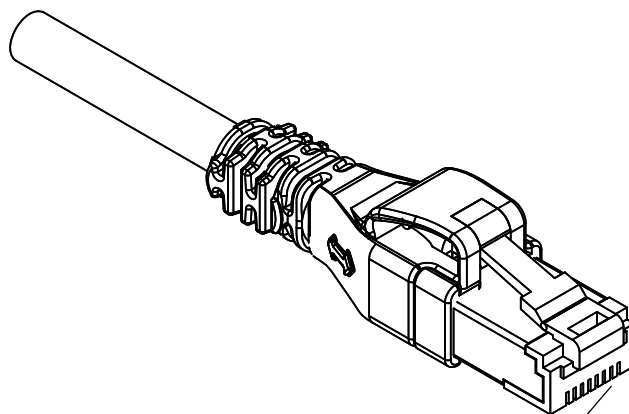
Electrical Characteristics	
Loop resistance	290 Ω/km
Insulation resistance	≥ 5000 MΩ*km
Characteristic impedance	100 ± 3Ω
Propagation delay	10ns / 100m
Packaging Unit	0,1 m - ≤5,0 m = 5 pcs >5,0 m = 1 pc

Drawing



Color	Order No.
white	CPP1OWCWCWxxxx*
black	CPP1OSCSXSxxxx*
gray	CPP1OACACAxxxx*
red	CPP1ORCRCRxxxx*
yellow	CPP1OYCICYxxxx*
green	CPP1OGCGCGxxxx*
blue	CPP1OBCBCBxxxx*
turquoise	CPP1OTCTCTxxxx*
violet	CPP1OVVCVCVxxxx*
orange	CPP1OOCOCOxxxx*

*xxxx: Length in dm
e.g. 0010 = 1 m



dimension RJ45
according to IEC 60603-7

d c b a	Änderung Änderung Ergänzung Neuerstellung	11.07.2023 15.11.2021 21.05.2019 14.09.2017	MW MW LP LP	drawn	14.09.2017	LP
				appr.	14.09.2017	MJ
				Titel:		
				EasyLan® Patch Cord DualBoot® PushPull Cat.6 ISO/IEC		
Index				Drawing Number:		
Revision Code				ZN-CU161005		
Date				Sheet 3 of 3		
Name				Sheet 3 of 3		

 EasyLan® ...for a better connectivity
Dimensions: mm
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Dimensions: mm

Original: DIN A4

Sheet 3 of 3