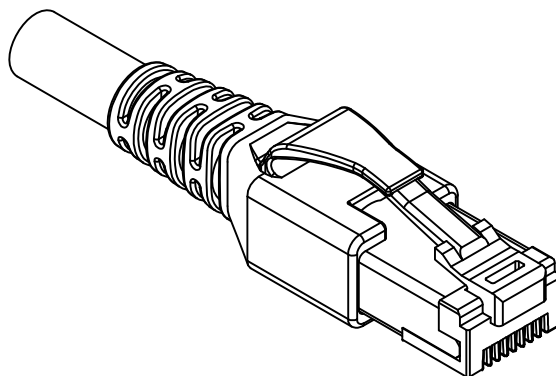


Technical Datasheet

EasyLan Patch Cord FlexBoot TM31 Cat.6_A ISO/IEC

Order No. : see on page 3



d c b a	Änderung Änderung Erweiterung Neuerstellung
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Technical Data

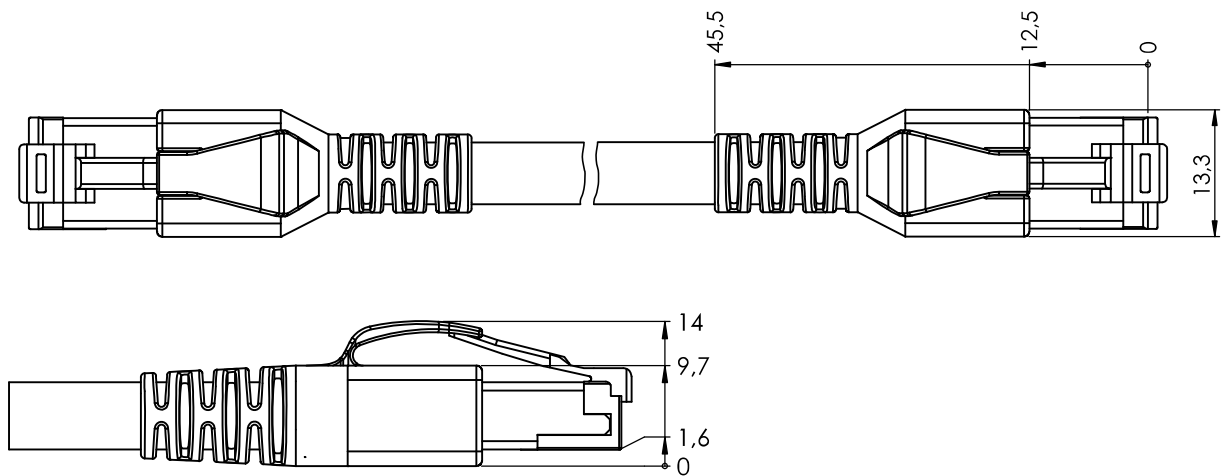
General Data	
Connection	1:1
Colors	white, black, gray, red, yellow, green, blue, turquoise, violet, orange
Identification possibility	Colorclips (Order No.: CPZHS7BOX)
Cable Characteristics	
Cable type	S/FTP
Number twisting elements	4P+1
Twisting elements	Pair
Configuration	LSHF (LSOH) acc. EN50290-2-27
Braid	AWG26/7
Category	Cat. 6 _A 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 IEC 60332-1
Plug	DIN EN 60603-7
Transmission Characteristics	
Category (ISO)	6 _A
Category (TIA)	6A
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 Erweiterung Neuerstellung
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Technical Data

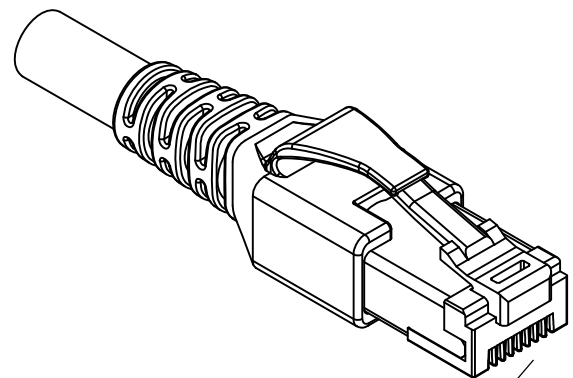
Electrical Characteristics	
Loop resistance	290 Ω/km
Insulation resistance	≥5000 MΩ*km
Characteristic impedance	100 ± 3Ω
Propagation delay	10ns / 100m
Packaging Unit	0,1 m - ≤5,0 m = 5 pcs >5,0 m = 1 pc

Drawing



Color	Order No.
white	CP1KWLWLW0000*
black	CP1KSLSLS0000*
gray	CP1KALALA0000*
red	CP1KRLRLR0000*
yellow	CP1KYLYLY0000*
green	CP1KGLGLG0000*
blue	CP1KBLBLB0000*
turquoise	CP1KTLTLT0000*
violet	CP1KVLVLV0000*
orange	CP1KOLOLO0000*

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



dimension RJ45
according to IEC 60603-7

d c b a	Änderung Änderung Erweiterung Neuerstellung	12.02.2026 15.11.2021 26.09.2017 28.03.2017	MW MW LP LP	drawn	28.03.2017	LP
				appr.	28.03.2017	MJ
				Titel: EasyLan Patch Cord FlexBoot TM31 Cat.6A ISO/IEC		
				Drawing Number: ZN-CU171036		
Index	Revision Code	Date	Name			
				 EasyLan® ...for a better connectivity		
				Dimensions: mm		
				Original: DIN A4		
				Sheet 3 of 3		