DATASHEET

RJ45 Patch cable S/UTP, Cat.5e, 1x TM11 90° / TM11, PVC, black



Cat.5E | 2.5 Gbit
100 MHz | 100% CU
made in Europe | PVC

Description

The Cat.5e RJ45 patch cable **manufactured in Europe** guarantees very good characteristics for 2.5 Gigabit Ethernet applications. The patch cable is composed of the raw cable **CU 5502 flex** from Daetwyler and **TM11** connectors from Hirose. One of the two grommets is **angled at 90°**. As a result, the patch cable is well suited if there is limited space available on one connection side

Cross section 4 x 2 x AWG26/7
Mounted anti-kink grommet
Clear distinction of the cores in the assembled connector thanks to different core colours (black, green, red, blue, white, orange, yellow, brown)

General data	
Category	5E
Type of connector connection 1	RJ45 8(8)
Type of connector connection 2	RJ45 8(8)
Connector type	TM11
Cable type	Dätwyler CU 5502 flex
Contacts	Gold plated
Pin assignment	1:1
Allocation	acc. TIA/EIA 568B
Type	Shielded
Anti-kink sleeve	put-on
Colour anti-kink sleeve	black
Locking lever	No

Mechanical characteristics	
Mating cycles	≥750
Bending radius	>20 mm

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EFB-Elektronik GmbH
Striegauer Straße 1
33719 Bielefeld

fon: +49 521 40 41 8-0
fax: +49 521 40 41 8-50

info@efb-elektronik.de
www.efb-elektronik.de

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Mechanical characteristics	
Conductive shield	360° shield contact

Cable construction

Cable structure	S/UTP
Cable construction	4x2
AWG-size/strands per core	26/7
Conductor Material	Copper

Cable sheath

Jacket material	PVC
Colour outer sheath	black
Outer diameter of the cable	5.1 mm

Environmental conditions	
Temperature Range (Operation)	-20 – 60 °C
Temperature Range (Installation)	0 – 50 °C

Electrical characteristics	
NVP value	76 %
Impedance	100 ±15 Ω
Conductor resistance DC	113 Ω/km
Loop resistance	225 Ω/km

Transmission characteristics	
Bandwidth	100MHz
Transmission	2.5Gbit

Standards, approvals, certifications	
Connector	IEC 60603-7-3

Available variants

Article no.	Title	Length
K0993.0,5	RJ45 Patch cable S/UTP, Cat.5e, 1x TM11 90° / TM11, PVC, 0,5m, black	0.5 m
K0993.1	RJ45 Patch cable S/UTP, Cat.5e, 1x TM11 90° / TM11, PVC, 1m, black	1.0 m
K0993.3	RJ45 Patch cable S/UTP, Cat.5e, 1x TM11 90° / TM11, PVC, 3m, black	3.0 m
K0993.5	RJ45 Patch cable S/UTP, Cat.5e, 1x TM11 90° / TM11, PVC, 5m, black	5.0 m
K0993.10	RJ45 Patch cable S/UTP, Cat.5e, 1x TM11 90° / TM11, PVC, 10m, black	10.0 m

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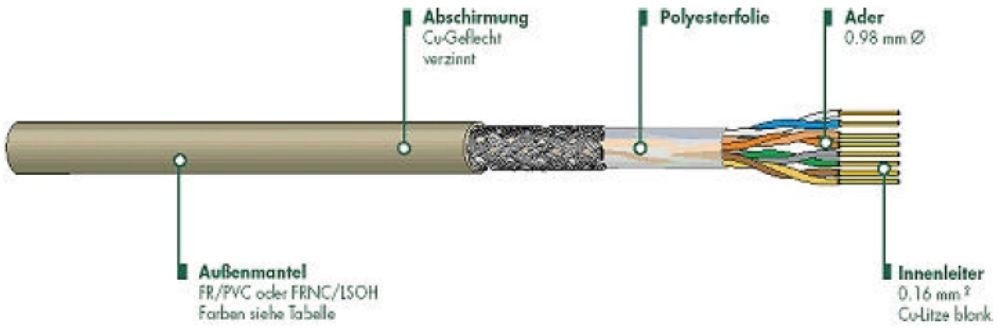
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K0993.20	RJ45 Patch cable S/UTP, Cat.5e, 1x TM11 90° / TM11, PVC, 20m, black	20.0 m

Technical drawings



Belegung: 1 -sw- 1
2 -gn- 2
3 -rt- 3
4 -bl- 4
5 -ws- 5
6 -or- 6
7 -ge- 7
8 -br- 8
Schirm beidseitig auf Gehäuse!

● TM I IP-88P
CL222-1328-2

