DATASHEET

RJ45 Patch cable S/UTP, Cat.5e, TM11, Dätwyler CU 5502 PVC, grey



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.

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	grey
Locking lever	No

Mechanical characteristics	
Mating cycles	≥750
Bending radius	>20 mm
Conductive shield	360° shield contact

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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	grey
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
K8701.0,50	RJ45 Patch cable S/UTP, Cat.5e, TM11, Dätwyler CU 5502 PVC, 0,5m, grey	0.5 m
K8701.1	RJ45 Patch cable S/UTP, Cat.5e, TM11, Dätwyler CU 5502 PVC, 1m, grey	1.0 m
K8701.1,5	RJ45 Patch cable S/UTP, Cat.5e, TM11, Dätwyler CU 5502 PVC, 1,5m, grey	1.5 m
K8701.2	RJ45 Patch cable S/UTP, Cat.5e, TM11, Dätwyler CU 5502 PVC, 2m, grey	2.0 m
K8701.3	RJ45 Patch cable S/UTP, Cat.5e, TM11, Dätwyler CU 5502 PVC, 3m, grey	3.0 m
K8701.5	RJ45 Patch cable S/UTP, Cat.5e, TM11, Dätwyler CU 5502 PVC, 5m, grey	5.0 m
K8701.7,5	RJ45 Patch cable S/UTP, Cat.5e, TM11, Dätwyler CU 5502 PVC, 7,5m, grey	7.5 m
K8701.10	RJ45 Patch cable S/UTP, Cat.5e, TM11, Dätwyler CU 5502 PVC, 10m, grey	10.0 m

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K8701.15	RJ45 Patch cable S/UTP, Cat.5e, TM11, Dätwyler CU 5502 PVC, 15m, grey	15.0 m
K8701.20	RJ45 Patch cable S/UTP, Cat.5e, TM11, Dätwyler CU 5502 PVC, 20m, grey	20.0 m
K8701.25	RJ45 Patch cable S/UTP, Cat.5e, TM11, Dätwyler CU 5502 PVC, 25m, grey	25.0 m
K8701.30	RJ45 Patch cable S/UTP, Cat.5e, TM11, Dätwyler CU 5502 PVC, 30m, grey	30.0 m

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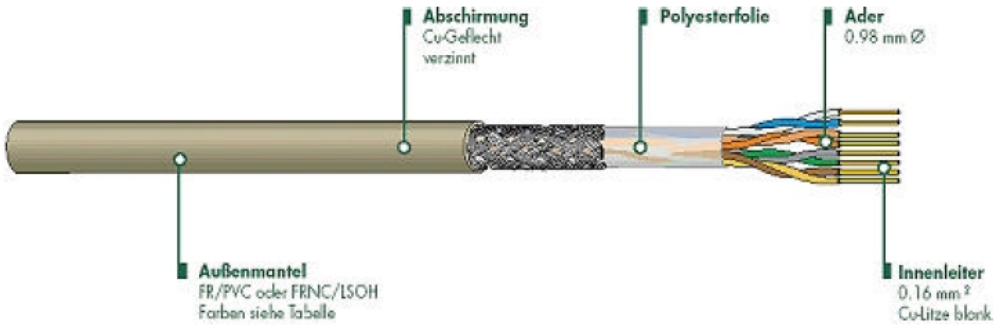
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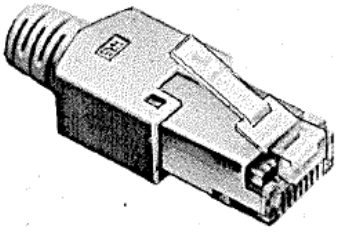
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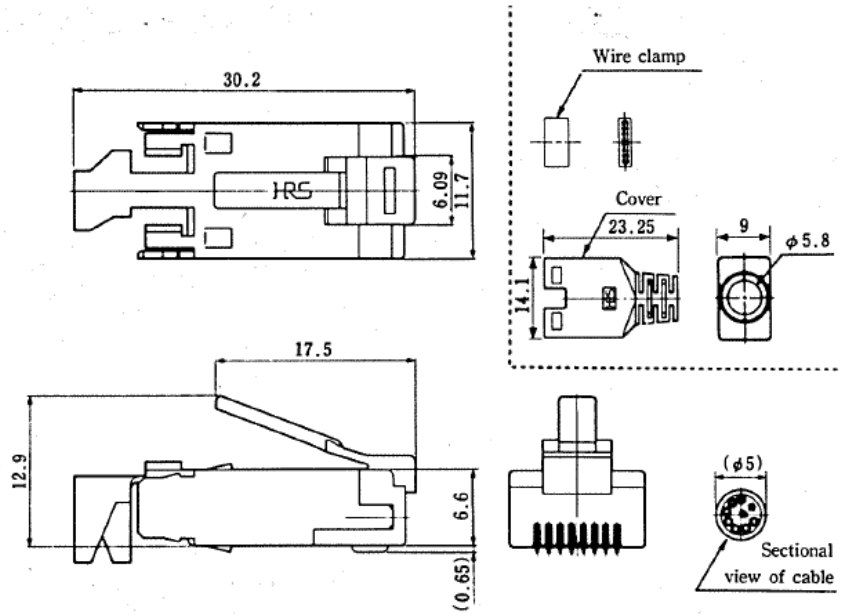
Technical drawings



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!

● TM11P-88P
CL222-1328-2





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similar product	
K8706.1	RJ45 Patch cable S/UTP, Cat.5e, TM11, Dätwyler CU 5502 PVC, green
K8705.1	RJ45 Patch cable S/UTP, Cat.5e, TM11, Dätwyler CU 5502 PVC, black
K8704.1	RJ45 Patch cable S/UTP, Cat.5e, TM11, Dätwyler CU 5502 PVC, blue
K8703.1	RJ45 Patch cable S/UTP, Cat.5e, TM11, Dätwyler CU 5502 PVC, red
K8702.1	RJ45 Patch cable S/UTP, Cat.5e, TM11, Dätwyler CU 5502 PVC, yellow

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