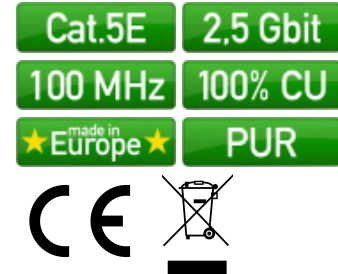


RJ45 Patch cable S/UTP, Cat.5e, PUR Superflex drag chain suitable, yellow



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 **MegaLine superflex** from Leoni-Kerpen and **TM21** connectors from Hirose. Due to the strand construction **AWG26/19** and the **very flexible PUR sheath** the cable is **suitable for applications in drag chains**.

Very flexible **PUR** sheath superflex (RAL1021)

Alternating bending test (with load): according to VDE0472 part 603

Suitable for drag chains, typical 5 million cycles

Oil resistance according to EN60811-2-1

Ozone resistance according to EN60811

General data

Category	5e
Type of connector connection 1	RJ45 8(8)
Type of connector connection 2	RJ45 8(8)
Connector type	TM21 red
Cable type	Leoni-Kerpen MegaLine superflex
Contacts	1.27 µ" gold plated
Pin assignment	1:1
Allocation	acc. TIA/EIA 568B
Type	Shielded
Anti-kink sleeve	put-on
Colour anti-kink sleeve	yellow
Locking lever	yes

Mechanical characteristics

Mating cycles	≥ 750
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RJ45 Patch cable S/UTP, Cat.5e, PUR Superflex drag chain suitable, yellow

Mechanical characteristics

Bending radius	34 mm
Conductive shield	360° shield contact

Cable construction

Cable structure	S/UTP
Total screening	90 %
Cable construction	4x2
AWG-size/strands per core	26/19
Conductor Material	Copper

Cable sheath

Jacket material	PUR
Colour outer sheath	yellow
Outer diameter of the cable	6.9 mm
Flame-retardant	acc. IEC60332-1
Halogen-free	yes
Low smoke	yes
Oil resistant	acc. EN 60811-2-1

Environmental conditions

Temperature Range (Operation)	-40 – 85 °C
Temperature Range (Installation)	0 – 50 °C

Electrical characteristics

NVP value	68 %
Impedance	100 ±5 Ω
Conductor resistance DC	125 Ω/km
Insulation resistance	500 MΩ
Test voltage	1000 (V DC, 1min) core/core und core/screen

Transmission characteristics

Bandwidth	100MHz
Transmission	2.5Gbit

Standards, approvals, certifications

Connector	IEC 60603-7-3
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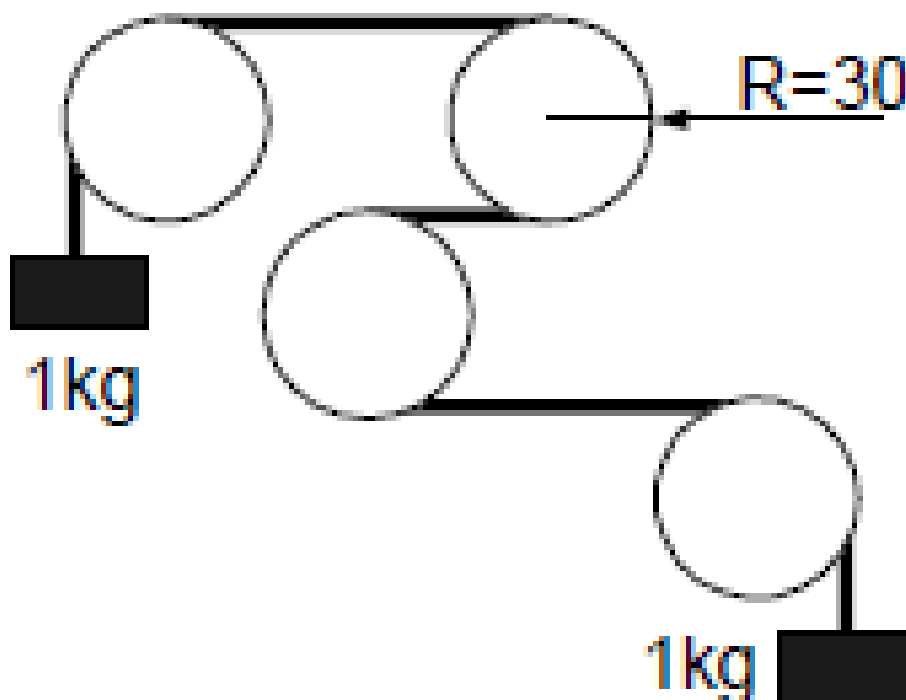
RJ45 Patch cable S/UTP, Cat.5e, PUR Superflex drag chain suitable, yellow

Available variants

Article no.	Title	Length
K8032.1	RJ45 Patch cable S/UTP, Cat.5e, PUR Superflex drag chain suitable, 1m, yellow	1.0 m
K8032.1,5	RJ45 Patch cable S/UTP, Cat.5e, PUR Superflex drag chain suitable, 1.5m, yellow	1.5 m
K8032.2	RJ45 Patch cable S/UTP, Cat.5e, PUR Superflex drag chain suitable, 2m, yellow	2.0 m
K8032.3	RJ45 Patch cable S/UTP, Cat.5e, PUR Superflex drag chain suitable, 3m, yellow	3.0 m
K8032.5	RJ45 Patch cable S/UTP, Cat.5e, PUR Superflex drag chain suitable, 5m, yellow	5.0 m
K8032.10	RJ45 Patch Cable S/UTP, Cat.5e, PUR Superflex drag chain suitable, 10m, yellow	10.0 m
K8032.15	RJ45 Patch Cable S/UTP, Cat.5e, PUR Superflex drag chain suitable, 15m, yellow	15.0 m
Article no.	Title	Length
K8032.20	RJ45 Patch Cable S/UTP, Cat.5e, PUR Superflex drag chain suitable, 20m, yellow	20.0 m

Technical drawings

Alternating bending test (with load):
according to VDE0472 part 603



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