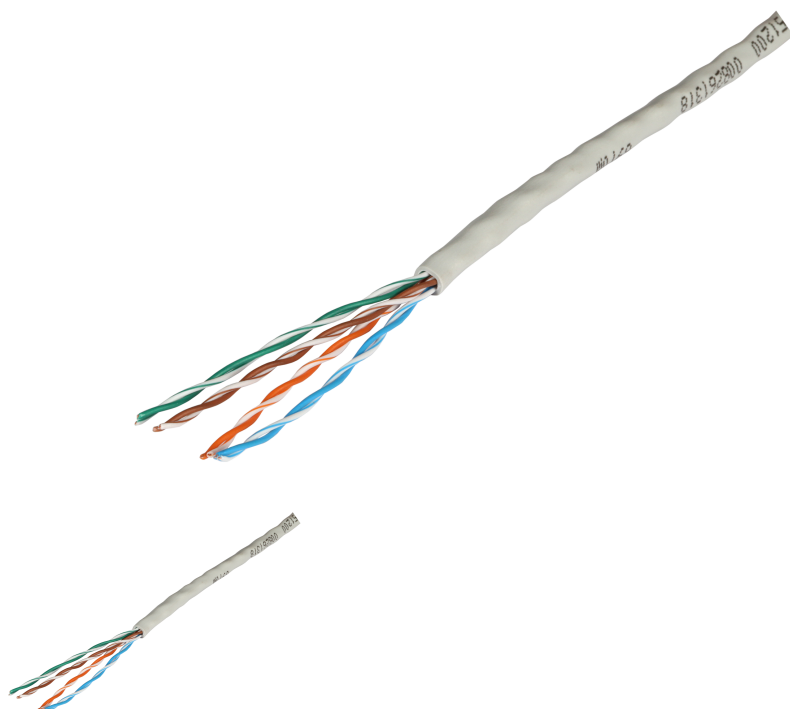


DATASHEET

Patch Cable Cat.5e UTP 4x2xAWG26, grey



General data

The DRAKA Cat.5e patch cable in grey is designed for high-performance network cabling. The U/UTP design with PVC jacket supports stable data connections up to 300 MHz and is therefore suitable for modern installations with solid bandwidth.

- 300 MHz Cat.5e bandwidth – Supports IEEE 802.3 10Mbit to 2.5Gbit and creates reserves for high-performance network links.
- U/UTP design without shield over stranding – Reduces construction complexity and adds a clear, unshielded design to structured cabling concepts.
- PVC sheath in grey – Blends into the installation and provides a proven choice of material for everyday use.

The design is designed as a simplex and uses 26/7 conductors with 8 wires. The dynamic bending radius of 40 mm facilitates installation in compact installations. PoE according to IEEE802.3af, PoE+ according to IEEE802.3at and 4PPoE according to IEEE802.3bt are planned. The version without reinforcement is aimed at use in structured network environments and complies with RoHS 2011/65/UE.

Technical details

- Brand: DRAKA
- Category: 5E
- Transmission standards: IEEE 802.3 10Mbit to 2.5Gbit
- Max. frequency: 300 MHz

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DATASHEET

Patch Cable Cat.5e UTP 4x2xAWG26, grey

- Cable construction: U/UTP
- PoE: after IEEE802.3af PoE, after IEEE802.3at PoE+, after IEEE802.3bt 4PPoE
- AWG cross-section/number of wires: 26/7
- Number of cores: 8
- Type: simplex
- Sheath material: Polyvinyl Chloride (PVC)
- Sheath colour: grey
- Armour: without
- Bend radius (dynamic): 40 mm
- Directive/Regulation: RoHS 2011/65/UE
- Shield over stranding: without

Technical properties

AWG-size	26/7
Armour	none
Bending radius (dynamic)	40 mm
Cable	IEC 61156-6
Cable silicone free	True
Cable structure	U/UTP
Cable type	Draka UC300 S26 UTP
Cabling standards	ISO/IEC 11801
Category	5e
Characteristic impedance	100 ± 5 Ohm
Conductor category	Class 2 = stranded
Conductor material	Copper, tinned
Core identification	Colour
Core insulation	Polyethylene (PE)
Coupling attenuation	≥ 50 dB
Diameter conductor	0.48 mm
Directive/Regulation	RoHS 2011/65/UE
Euro class	none
Flame retardant	acc. to EN 60332-1
Halogen free	False
Harmonised Standard	EN 50575
Installation standard	EN 50174
Insulation resistance (500V)	≥ 2000 MOhm/km
Loop resistance	260 Ohm/km
Low smoke	nein
Material outer sheath	Polyvinylchlorid (PVC)
Max. Frequency	MHz MHz

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DATASHEET

Patch Cable Cat.5e UTP 4x2xAWG26, grey

NVP value	67 %
Nominal cross section conductor	0.16 mm ²
Operating capacity	43 pF/km
Operating temperature, fix	-20 - 60 °C
Operating temperature, flexible	0 - 50 °C
Operating temperature, storage	-20 - 60 °C
PoE	acc. to IEEE802.3af PoE
Resistance unbalance	3 %
Screen over stranding	None
Screen over stranding element	without
Stranding element	Pairs
Test voltage DC, 1 min	1000 V
Transmission standards	IEEE 802.3 10Mbit bis 2.5Gbit
UV resistant	Nein

Available variants

ArtNr.	Bezeichnung	Colour outer sheath	Length	Number of cores	Type	Copper weight	Weight	Max. tractive force	Outer diameter approx.	Fire load
99148.1	Patch Cable Cat.5e UTP 4x2xAWG26, grey	grey	1.0 m	8	simplex	11 kg/km	25 kg/km	55 N	4.7 mm	344 MJ/km
99148.1000	Patch Cable Cat.5e UTP 4x2xAWG26, grey	grey	1000.0 m	8	simplex	11 kg/km	25 kg/km	55 N	4.7 mm	344 MJ/km

Note on Intended Use

This data sheet is intended solely to describe the technical characteristics of the product. It does not replace an assessment of the product's suitability for a specific application. The user is responsible for ensuring that the product is used in accordance with its technical specifications and applicable legal and regulatory requirements.

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