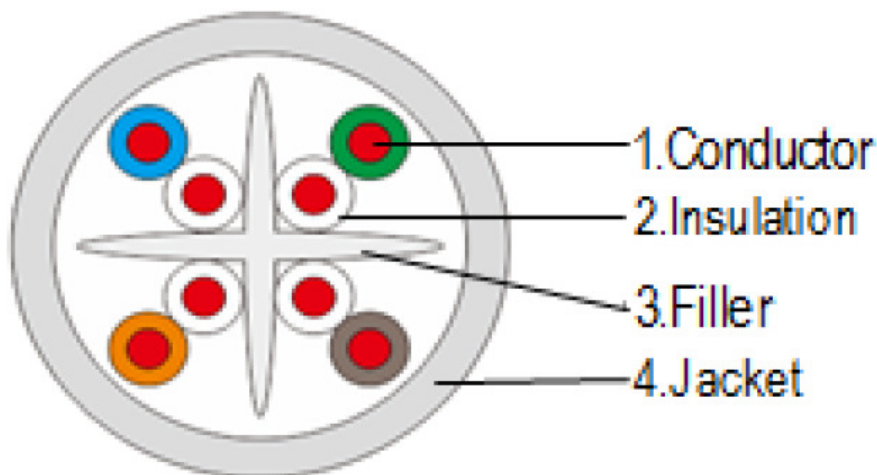


DATASHEET

Cat.6 350 AWG23, U/UTP 4P CPR Dca white



Description

The installation cable 99962.x-CPR is constructed for transmissions up to 250 MHz and exceeds with the electrical transmission properties and requirements of the category 6.

Mechanical characteristics

Bending radius (dynamic)	48 mm
Bending radius (static)	24 mm

Cable construction

Cable structure	U/UTP
Category	6
Conductor category	K1.1 = single wire
Conductor material	Cu, blank
AWG-size/quantity of cores	23
Diameter conductor	0.54 mm
Screen over stranding	without
Core identification	colour

Cable sheath

Material outer sheath	LSZH
Euro class	Dca
Flame retardant	acc. EN 60332-1-2
Halogen free	acc. EN 60754-1/2
Low smoke	acc. EN 61034-2

Environmental conditions

Operating temperature, flexible	0 – 50 °C
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DATASHEET

Cat.6 350 AWG23, U/UTP 4P CPR Dca white

Environmental conditions

Operating temperature, fix	-20 – 75 °C
Operating temperature, storage	-20 – 75 °C

Electrical characteristics

PoE	acc. to IEEE 802.3at;acc. to IEEE 802.3af;yes;PoE+
NVP value	70 %
Loop resistance	<91,3 Ohm/km
Separation class acc. EN50174-2	B
Max. Frequency	500 MHz

Standards, approvals, certifications

Cabling standards	EN 50173-1;ISO/IEC 11801;ANSI/TIA 568-C.2;IEC 61156-5:2009;EN 50288;IEC 61156-5
Installation standard	EN 50174
Harmonised Standard	EN 50575
Directive/Regulation	RoHS 2011/65/UE
Transmission standards	IEEE 802.3 10Mbit to 10Gbit
Cable	IEC 61156-5;EN 50288-6-1

Available variants

Article no.	Title	Length	Colour outer sheath	RAL colour	Number of cores	Type	Outer diameter approx.	Weight	Max. tractive force
99962.305-CPR	Cat.6 350 AWG23, U/UTP 4P CPR Dca white, 305m	305.0 m	white	RAL 9003	8	simplex	6.0 mm	12.5 kg/km	100 N
99962.500-CPR	Cat.6 350 AWG23, U/UTP 4P CPR Dca white, 500m	500.0 m	white	RAL 9003	8	simplex	6.0 mm	22.5 kg/km	100 N

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