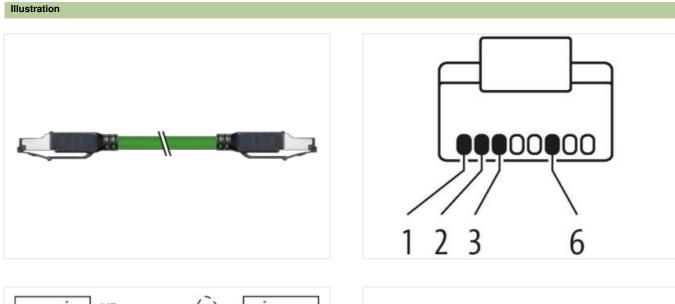


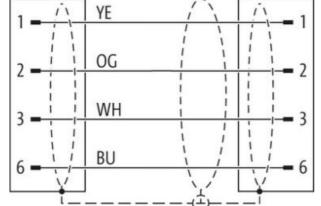
RJ45 0° / RJ45 0° ETHERNET

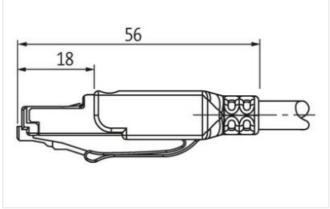
PUR 2x2x0.34 shielded green UL,CSA+dragchain 1m

Ethernet CAT5 Male straight - male straight RJ45 - RJ45, 8/4-pole shielded Further cable lengths on request. Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request.

Link to Product







Product may differ from Image

Cable length	1 m	
Commercial data		
ECLASS-6.0	27061801	
ECLASS-7.0	27061801	
ECLASS-8.0	27061801	
ECLASS-9.0	27061801	
ETIM-5.0	EC002599	

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-04-29

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GTN 404807930280 Packaging unit 1 Electrical data [Supply Convent operating per contact max. 2 A Convent operating per contact max. 2 A Industrical communication Convent operating per contact max. 2 A Industrical communication Convent operating per contact max. 100 MB/ks Industrical communication Full duplex. Device per contact max. Data transmission rate max. 100 MB/ks Full duplex. Device per contact function Full duplex. Device per contact max. Device per contact function Full duplex. Device per contact function Device per contact function [Electrical Contact Concomperating temperature min. -20 °C Operating temperature min. -20 °C -Concomperating temperature min. -20 °C Operating temperature min. -20 °C -Concomperating temperature max. 60 °C Additional condition temperature may. -20 °C -Concomperating temperature may. 60 °C Cable identification 76	customs tariff number	85444210	
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Material inner jacketFRNCColor (inner jacket)naturMaterial wire insulationPEAmount wires4Outer diameter insulation1.4 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation65 Shore DIngredient freeness wire insulationlead-free, CFC-free, halogen-freeAmount strands (wire)7Diameter of single wires22 AWGConductor crosssection (wire)22 AWGMaterial conductor wireStranded copper wire, bareTraversing distance (C-track)5 m @ 25 °CCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire4,8 A	Outer-diameter (jacket)	6,7 mm	
Color (inner jacket)naturMaterial wire insulationPEAmount wires4Outer diameter insulation1,4 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation65 Shore DIngredient freeness wire insulationlead-free, CFC-free, halogen-freeAmount strands (wire)7Diameter of single wires22 AWGConductor crosssection (wire)22 AWGMaterial conductor wireStranded copper wire, bareTraversing distance (C-track)5 m @ 25 °CCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire4,8 A	Tolerance outer diameter (sheath)	± 5 %	
Color (inner jacket)naturMaterial wire insulationPEAmount wires4Outer diameter insulation1,4 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation65 Shore DIngredient freeness wire insulationlead-free, CFC-free, halogen-freeAmount strands (wire)7Diameter of single wires22 AWGConductor crosssection (wire)22 AWGMaterial conductor wireStranded copper wire, bareTraversing distance (C-track)5 m @ 25 °CCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire4,8 A	Material inner jacket		
Material wire insulationPEAmount wires4Outer diameter insulation1,4 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation65 Shore DIngredient freeness wire insulationlead-free, CFC-free, halogen-freeAmount strands (wire)7Diameter of single wires22 AWGConductor crosssection (wire)22 AWGMaterial conductor wireStranded copper wire, bareTraversing distance (C-track)5 m @ 25 °CCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire4,8 A	Color (inner jacket)		
Outer diameter insulation1,4 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation65 Shore DIngredient freeness wire insulationlead-free, CFC-free, halogen-freeAmount strands (wire)7Diameter of single wires22 AWGConductor crosssection (wire)22 AWGMaterial conductor wireStranded copper wire, bareTraversing distance (C-track)5 m @ 25 °CCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire4,8 A	Material wire insulation		
Outer diameter tolerance core insulation± 5 %Shore hardness wire insulation65 Shore DIngredient freeness wire insulationlead-free, CFC-free, halogen-freeAmount strands (wire)7Diameter of single wires22 AWGConductor crosssection (wire)22 AWGMaterial conductor wireStranded copper wire, bareTraversing distance (C-track)5 m @ 25 °CCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire4,8 A	Amount wires	4	
Shore hardness wire insulation65 Shore DIngredient freeness wire insulationlead-free, CFC-free, halogen-freeAmount strands (wire)7Diameter of single wires22 AWGConductor crosssection (wire)22 AWGMaterial conductor wireStranded copper wire, bareTraversing distance (C-track)5 m @ 25 °CCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire4,8 A	Outer diameter insulation	1,4 mm	
Ingredient freeness wire insulationlead-free, CFC-free, halogen-freeAmount strands (wire)7Diameter of single wires22 AWGConductor crosssection (wire)22 AWGMaterial conductor wireStranded copper wire, bareTraversing distance (C-track)5 m @ 25 °CCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire4,8 A	Outer diameter tolerance core insulation	±5%	
Amount strands (wire)7Diameter of single wires22 AWGConductor crosssection (wire)22 AWGMaterial conductor wireStranded copper wire, bareTraversing distance (C-track)5 m @ 25 °CCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire4,8 A	Shore hardness wire insulation	65 Shore D	
Diameter of single wires22 AWGConductor crosssection (wire)22 AWGMaterial conductor wireStranded copper wire, bareTraversing distance (C-track)5 m @ 25 °CCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire4,8 A	Ingredient freeness wire insulation	lead-free, CFC-free, halogen-free	
Conductor crosssection (wire)22 AWGMaterial conductor wireStranded copper wire, bareTraversing distance (C-track)5 m @ 25 °CCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire4,8 A	Amount strands (wire)		
Material conductor wire Stranded copper wire, bare Traversing distance (C-track) 5 m @ 25 °C Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,8 A	Diameter of single wires	22 AWG	
Traversing distance (C-track)5 m @ 25 °CCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire4,8 A	Conductor crosssection (wire)		
Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,8 A	Material conductor wire		
Current load capacity min. wire 4,8 A	Traversing distance (C-track)		
	Current load capacity (standard)		
Characteristic impedance 100 Ω ± 15 % @ 100 MHz		·	
	Characteristic impedance	100 Ω ± 15 % @ 100 MHz	

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-04-29

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Electrical resistance line constant wire	55 Ω/km @ 20 °C
Loop resistance	5000 MΩ × km
Nominal voltage power AC max.	300 V
Electrical capacity line constant (wire - wire) (power)	50000 pF/km
AC withstand voltage power (wire - shield)	2 kV @ 60 s
Power frequency withstand voltage power (wire - jacket)	2 kV @ 60 s
AC withstand voltage power (wire - wire)	2 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-30 °C
Operating temperature max. (dynamic)	70 °C
Flame resistance	IEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	DIN EN 60811-404 Good, application-related testing
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	12 x Outer diameter
No. of torsion cycles	1 Mio. 25 °C
Torsion stress	± 180 °/m

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