

stay connected

RJ45 male 0° / RJ45 male 0° shielded

PUR 4x2xAWG26 shielded gn UL/CSA 40m

Ethernet Male straight - male straight RJ45 - RJ45, 8-pole shielded Further cable lengths on request.

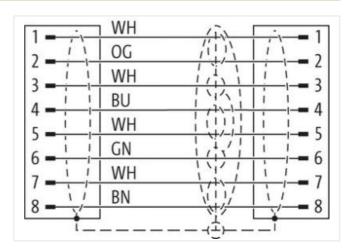
Plastic housings with good resistance against chemicals and oils.

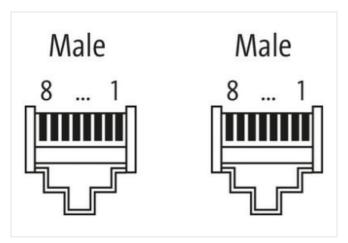
The resistance to aggressive media should be individually tested for your application. Further details on request.

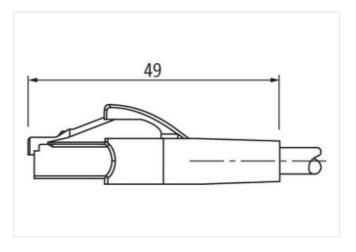
Link to Product

Illustration









Product may differ from Image











Cable length

40 m

Side 1

Mounting method inserted



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Cable cutet atraight No. of pioles 8 Side 2 P20 Would page of protection (EN IEC 60059) P20 Cable coulted inserted Family construction form RA45 Cable coulted straight No. of pioles 8 Begree of protection (EN IEC 60529) IP20 Commercial data Commercial data ECLASS-6.0 276 (B07) ECLASS-7.7 27060007 ECLASS-7.8 27060007 ECLASS-8.0 27060007 ECLASS-8.10.1 27060007 ECLASS-11.2 27060007 ECLASS-12.0 27060007	Family construction form	RJ45
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Additional condition temperature range depending on cable quality Important installation notes	Operating temperature min.	-25 °C
Important installation notes	Operating temperature max.	85 °C
	Additional condition temperature range	depending on cable quality
Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.	Important installation notes	
	Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.

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: 2024-06-26



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Note on bending radius

Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.

Installation Cable	
wire arrangement	(white, orange), (white, blue), (white, brown), (white, green)
Cable identification	790
Jacket Color	green
Type of Certificate	cURus
Amount stranding	4
Stranding	2 wires twisted
Amount stranding (type 2)	1
Stranding (type 2)	4 Stranded joints twisted
Cable shielding (type)	copper braid, tinned
Cable shielding (coverage)	65 %
Banding	Foil
wire arrangement	(white, orange), (white, blue), (white, brown), (white, green)
Cable weigth	52,8 g/m
Material jacket	PUR
Shore hardness jacket	89 Shore A
Freedom from ingredients (jacket)	lead-free, CFC-free, halogen-free
Outer-diameter (jacket)	6,4 mm
Tolerance outer diameter (sheath)	± 5 %
Material wire insulation	PE
Amount wires	8
Outer diameter insulation	1,05 mm
Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation	65 Shore D
Ingredient freeness wire insulation	lead-free, CFC-free, halogen-free
Amount strands (wire)	7
Diameter of single wires	26 AWG
Diameter of single wires Conductor crosssection (wire)	26 AWG
Conductor crosssection (wire)	26 AWG
Conductor crosssection (wire) Material conductor wire	26 AWG Stranded copper wire, bare
Conductor crosssection (wire) Material conductor wire Nominal voltage AC max.	26 AWG Stranded copper wire, bare 125 V
Conductor crosssection (wire) Material conductor wire Nominal voltage AC max. Current load capacity (standard)	26 AWG Stranded copper wire, bare 125 V to DIN VDE 0298-4
Conductor crosssection (wire) Material conductor wire Nominal voltage AC max. Current load capacity (standard) Current load capacity min. wire	26 AWG Stranded copper wire, bare 125 V to DIN VDE 0298-4 2 A
Conductor crosssection (wire) Material conductor wire Nominal voltage AC max. Current load capacity (standard) Current load capacity min. wire Electrical resistance line constant wire	26 AWG Stranded copper wire, bare 125 V to DIN VDE 0298-4 2 A 140 Ω/km @ 20 °C
Conductor crosssection (wire) Material conductor wire Nominal voltage AC max. Current load capacity (standard) Current load capacity min. wire Electrical resistance line constant wire AC withstand voltage (wire - wire)	26 AWG Stranded copper wire, bare 125 V to DIN VDE 0298-4 2 A 140 Ω/km @ 20 °C 2 kV @ 60 s
Conductor crosssection (wire) Material conductor wire Nominal voltage AC max. Current load capacity (standard) Current load capacity min. wire Electrical resistance line constant wire AC withstand voltage (wire - wire) Electrical capacity line constant (wire - wire) Power frequency withstand voltage (wire -	26 AWG Stranded copper wire, bare 125 V to DIN VDE 0298-4 2 A 140 Ω/km @ 20 °C 2 kV @ 60 s 44000 pF/km
Conductor crosssection (wire) Material conductor wire Nominal voltage AC max. Current load capacity (standard) Current load capacity min. wire Electrical resistance line constant wire AC withstand voltage (wire - wire) Electrical capacity line constant (wire - wire) Power frequency withstand voltage (wire - jacket)	26 AWG Stranded copper wire, bare 125 V to DIN VDE 0298-4 2 A 140 Ω/km @ 20 °C 2 kV @ 60 s 44000 pF/km 2 kV @ 60 s
Conductor crosssection (wire) Material conductor wire Nominal voltage AC max. Current load capacity (standard) Current load capacity min. wire Electrical resistance line constant wire AC withstand voltage (wire - wire) Electrical capacity line constant (wire - wire) Power frequency withstand voltage (wire - jacket) AC withstand voltage (wire - shield)	26 AWG Stranded copper wire, bare 125 V to DIN VDE 0298-4 2 A 140 Ω/km @ 20 °C 2 kV @ 60 s 44000 pF/km 2 kV @ 60 s
Conductor crosssection (wire) Material conductor wire Nominal voltage AC max. Current load capacity (standard) Current load capacity min. wire Electrical resistance line constant wire AC withstand voltage (wire - wire) Electrical capacity line constant (wire - wire) Power frequency withstand voltage (wire - jacket) AC withstand voltage (wire - shield) Isolation resistance	26 AWG Stranded copper wire, bare 125 V to DIN VDE 0298-4 2 A 140 Ω/km @ 20 °C 2 kV @ 60 s 44000 pF/km 2 kV @ 60 s 2 kV @ 60 s 5000 MΩ × km
Conductor crosssection (wire) Material conductor wire Nominal voltage AC max. Current load capacity (standard) Current load capacity min. wire Electrical resistance line constant wire AC withstand voltage (wire - wire) Electrical capacity line constant (wire - wire) Power frequency withstand voltage (wire - jacket) AC withstand voltage (wire - shield) Isolation resistance Min. operating temperature (static)	26 AWG Stranded copper wire, bare 125 V to DIN VDE 0298-4 2 A 140 Ω/km @ 20 °C 2 kV @ 60 s 44000 pF/km 2 kV @ 60 s 2 kV @ 60 s 5000 MΩ × km -40 °C
Conductor crosssection (wire) Material conductor wire Nominal voltage AC max. Current load capacity (standard) Current load capacity min. wire Electrical resistance line constant wire AC withstand voltage (wire - wire) Electrical capacity line constant (wire - wire) Power frequency withstand voltage (wire - jacket) AC withstand voltage (wire - shield) Isolation resistance Min. operating temperature (static) Max. operating temperature (fixed)	26 AWG Stranded copper wire, bare 125 V to DIN VDE 0298-4 2 A 140 Ω/km @ 20 °C 2 kV @ 60 s 44000 pF/km 2 kV @ 60 s 2 kV @ 60 s 5000 MΩ × km -40 °C 80 °C
Conductor crosssection (wire) Material conductor wire Nominal voltage AC max. Current load capacity (standard) Current load capacity min. wire Electrical resistance line constant wire AC withstand voltage (wire - wire) Electrical capacity line constant (wire - wire) Power frequency withstand voltage (wire - jacket) AC withstand voltage (wire - shield) Isolation resistance Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic)	26 AWG Stranded copper wire, bare 125 V to DIN VDE 0298-4 2 A 140 Ω/km @ 20 °C 2 kV @ 60 s 44000 pF/km 2 kV @ 60 s 5000 MΩ × km -40 °C 80 °C -30 °C
Conductor crosssection (wire) Material conductor wire Nominal voltage AC max. Current load capacity (standard) Current load capacity min. wire Electrical resistance line constant wire AC withstand voltage (wire - wire) Electrical capacity line constant (wire - wire) Power frequency withstand voltage (wire - jacket) AC withstand voltage (wire - shield) Isolation resistance Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic)	26 AWG Stranded copper wire, bare 125 V to DIN VDE 0298-4 2 A 140 Ω/km @ 20 °C 2 kV @ 60 s 44000 pF/km 2 kV @ 60 s 2 kV @ 60 s 5000 MΩ × km -40 °C 80 °C -30 °C
Conductor crosssection (wire) Material conductor wire Nominal voltage AC max. Current load capacity (standard) Current load capacity (standard) Current load capacity min. wire Electrical resistance line constant wire AC withstand voltage (wire - wire) Electrical capacity line constant (wire - wire) Power frequency withstand voltage (wire - jacket) AC withstand voltage (wire - shield) Isolation resistance Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Flame resistance	26 AWG Stranded copper wire, bare 125 V to DIN VDE 0298-4 2 A 140 Ω/km @ 20 °C 2 kV @ 60 s 44000 pF/km 2 kV @ 60 s 2 kV @ 60 s 5000 MΩ × km -40 °C 80 °C -30 °C 70 °C IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090
Conductor crosssection (wire) Material conductor wire Nominal voltage AC max. Current load capacity (standard) Current load capacity min. wire Electrical resistance line constant wire AC withstand voltage (wire - wire) Electrical capacity line constant (wire - wire) Power frequency withstand voltage (wire - jacket) AC withstand voltage (wire - shield) Isolation resistance Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic) Flame resistance chemical resistance	26 AWG Stranded copper wire, bare 125 V to DIN VDE 0298-4 2 A 140 Ω/km @ 20 °C 2 kV @ 60 s 44000 pF/km 2 kV @ 60 s 2 kV @ 60 s 5000 MΩ × km -40 °C 80 °C -30 °C 70 °C IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 Good, application-related testing
Conductor crosssection (wire) Material conductor wire Nominal voltage AC max. Current load capacity (standard) Current load capacity (standard) Current load capacity min. wire Electrical resistance line constant wire AC withstand voltage (wire - wire) Electrical capacity line constant (wire - wire) Power frequency withstand voltage (wire - jacket) AC withstand voltage (wire - shield) Isolation resistance Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic) Flame resistance chemical resistance Gasoline resistance	26 AWG Stranded copper wire, bare 125 V to DIN VDE 0298-4 2 A 140 Ω/km @ 20 °C 2 kV @ 60 s 44000 pF/km 2 kV @ 60 s 2 kV @ 60 s 5000 MΩ × km -40 °C 80 °C -30 °C 70 °C IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 Good, application-related testing Good, application-related testing