

RJ45 male 0° with cable shielded

PUR 1x4xAWG22 shielded gn UL/CSA+drag ch. 20m

Product fulfills requirements according to UN/ECE R118

Ethernet CAT5e

Male straight

RJ45, 4-pole

shielded

Further cable lengths on request.

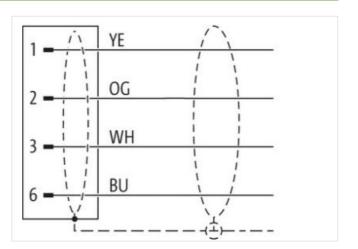
Plastic housings with good resistance against chemicals and oils.

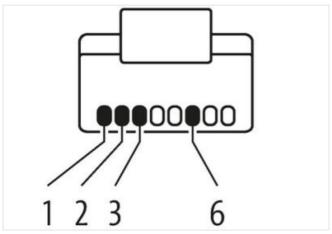
The resistance to aggressive media should be individually tested for your application. Further details on request.

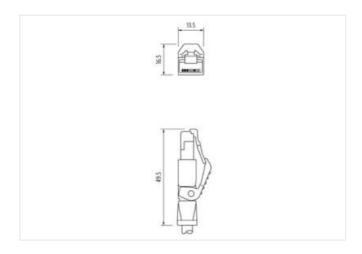
Link to Product

Illustration









Product may differ from Image









Cable length

20 m

Commercial data



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| ECLASS-6.0 | 27061801 |
|--|---|
| ECLASS-6.1 | 27060307 |
| ECLASS-7.0 | 27060307 |
| ECLASS-8.0 | 27060307 |
| ECLASS-9.0 | 27060307 |
| ECLASS-10.1 | 27060307 |
| ECLASS-11.1 | 27060307 |
| ECLASS-12.0 | 27060307 |
| ETIM-5.0 | EC002599 |
| customs tariff number | 85444210 |
| GTIN | 4048879508698 |
| Packaging unit | 1 |
| Electrical data Supply | |
| Operating voltage DC max. | 60 V |
| Operating voltage DC max. (UL-listed) | 30 V |
| Current operating per contact max. | 1,5 A |
| Industrial communication | |
| Transfer parameters | CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1) |
| Data transmission rate max. | 100 MBit/s |
| | |
| Industrial communication Ethernet fun | |
| duplex | Full duplex |
| Device protection Electrical | |
| Degree of protection (EN IEC 60529) | IP20 |
| Additional condition protection degree | inserted, screwed |
| Pollution Degree | 3 |
| Rated surge voltage | 1 kV |
| Material group (IEC 60664-1) | I |
| Mechanical data | |
| Contour for corrugated hose | without |
| Mechanical data Material data | |
| Material housing | PUR |
| Environmental characteristics Climatic | |
| Operating temperature min. | -25 °C |
| Operating temperature max. | 85 °C |
| Additional condition temperature range | depending on cable quality |
| Installation Cable | |
| | 706 |
| Cable identification Jacket Color | 796 |
| | green |
| Type of Certificate | cURus |
| Amount stranding | 1 |
| Amount stranding Stranding | 1 A wires around Core filler twisted |
| Stranding | 4 wires around Core filler twisted |
| Stranding Cable shielding (type) | 4 wires around Core filler twisted copper braid, tinned |
| Stranding Cable shielding (type) Cable shielding (coverage) | 4 wires around Core filler twisted copper braid, tinned 85 % |
| Stranding Cable shielding (type) Cable shielding (coverage) Banding | 4 wires around Core filler twisted copper braid, tinned 85 % Fleece, Foil |
| Stranding Cable shielding (type) Cable shielding (coverage) Banding Filler | 4 wires around Core filler twisted copper braid, tinned 85 % Fleece, Foil yes |
| Stranding Cable shielding (type) Cable shielding (coverage) Banding Filler wire arrangement | 4 wires around Core filler twisted copper braid, tinned 85 % Fleece, Foil yes white, yellow, blue, orange |
| Stranding Cable shielding (type) Cable shielding (coverage) Banding Filler wire arrangement No. of bending cycles (C-track) | 4 wires around Core filler twisted copper braid, tinned 85 % Fleece, Foil yes white, yellow, blue, orange 3 Mio. @ 25 °C |
| Stranding Cable shielding (type) Cable shielding (coverage) Banding Filler wire arrangement No. of bending cycles (C-track) Cable weigth | 4 wires around Core filler twisted copper braid, tinned 85 % Fleece, Foil yes white, yellow, blue, orange 3 Mio. @ 25 °C 69,3 g/m |
| Stranding Cable shielding (type) Cable shielding (coverage) Banding Filler wire arrangement No. of bending cycles (C-track) Cable weigth Material jacket | 4 wires around Core filler twisted copper braid, tinned 85 % Fleece, Foil yes white, yellow, blue, orange 3 Mio. @ 25 °C 69,3 g/m PUR |
| Stranding Cable shielding (type) Cable shielding (coverage) Banding Filler wire arrangement No. of bending cycles (C-track) Cable weigth | 4 wires around Core filler twisted copper braid, tinned 85 % Fleece, Foil yes white, yellow, blue, orange 3 Mio. @ 25 °C 69,3 g/m |

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: 2024-04-28



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| Outer-diameter (jacket) | 6,7 mm |
|---|--|
| Tolerance outer diameter (sheath) | ±5% |
| Material inner jacket | FRNC |
| Color (inner jacket) | natur |
| Material wire insulation | PE |
| Amount wires | 4 |
| Outer diameter insulation | 1,4 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 | 22 AWG |
| Conductor crosssection (wire) | 22 AWG |
| 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 |
| Characteristic impedance | 100 Ω ± 15 % @ 100 MHz |
| 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 |