

Cable drum Ø 500mm

PUR 1x4xAWG22 shielded gn UL/CSA+drag ch. 300m

Product fulfills requirements according to UN/ECE R118  
Cable drum (300 m)  
Ethernet CAT5, PROFINET IO, EtherCAT  
2× 2× 0.34 mm²  
PUR (UL/CSA)  
suitable for C-tracks

Link to Product

Illustration



Product may differ from Image

Commercial data

|                       |               |
|-----------------------|---------------|
| ECLASS-6.0            | 27062011      |
| ECLASS-6.1            | 27061801      |
| ECLASS-7.0            | 27061801      |
| ECLASS-8.0            | 27061801      |
| ECLASS-9.0            | 27061801      |
| ECLASS-10.1           | 27061801      |
| ECLASS-11.1           | 27061801      |
| ECLASS-12.0           | 27061801      |
| ETIM-5.0              | EC001855      |
| customs tariff number | 85444995      |
| GTIN                  | 4048879432030 |
| Packaging unit        | 1             |

Installation | Cable

|                            |                                    |
|----------------------------|------------------------------------|
| Cable identification       | 796                                |
| Jacket Color               | green                              |
| Type of Certificate        | cURus                              |
| Amount stranding           | 1                                  |
| Stranding                  | 4 wires around Core filler twisted |
| Cable shielding (type)     | copper braid, tinned               |
| Cable shielding (coverage) | 85 %                               |
| Banding                    | Fleece, Foil                       |
| Filler                     | yes                                |
| wire arrangement           | white, yellow, blue, orange        |

|                                                   |                                                                |
|---------------------------------------------------|----------------------------------------------------------------|
| Cable weight                                      | 69,3 g/m                                                       |
| Material jacket                                   | PUR                                                            |
| Shore hardness jacket                             | 89 Shore A                                                     |
| Freedom from ingredients (jacket)                 | lead-free, cadmium-free, CFC-free, halogen-free, silicone-free |
| 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                              |
| Traversing distance (C-track)                     | 5 m @ 25 °C                                                    |
| Travel speed (C-track)                            | 3 Mio. @ 25 °C                                                 |
| Amount strands (wire)                             | 7                                                              |
| Diameter of single wires                          | 22 AWG                                                         |
| Conductor crosssection (wire)                     | 22 AWG                                                         |
| Material conductor wire                           | Stranded copper wire, bare                                     |
| Travel speed (C-track)                            | 3,3 m/s @ 25 °C                                                |
| Nominal voltage AC max.                           | 300 V                                                          |
| Loop resistance                                   | 5000 MΩ × km                                                   |
| 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                                                |
| AC withstand voltage (wire - wire)                | 2 kV @ 60 s                                                    |
| Electrical capacity line constant (wire - wire)   | 50000 pF/km                                                    |
| Power frequency withstand voltage (wire - jacket) | 2 kV @ 60 s                                                    |
| AC withstand voltage (wire - shield)              | 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                                                      |