

Cable drum Ø 500mm

PUR AWG24+22 shielded vt UL/CSA+drag ch. 500m

Cable drum (500 m)  
DeviceNet, CANopen  
2× 0.25 + 2× 0.34 mm²  
PUR (UL/CSA)  
suitable for C-tracks  
5 Mio.

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                  | 4048879328814 |
| Packaging unit        | 1             |

Installation | Cable

|                            |                           |
|----------------------------|---------------------------|
| Cable identification       | 803                       |
| Jacket Color               | violet                    |
| Type of Certificate        | cURus                     |
| Amount stranding           | 1                         |
| Stranding                  | 2 wires twisted           |
| Amount stranding (type 2)  | 1                         |
| Stranding (type 2)         | 2 Stranded joints twisted |
| Cable shielding (type)     | copper braid, tinned      |
| Cable shielding (coverage) | 65 %                      |
| Banding                    | Foil                      |

|                                                 |                                                                |
|-------------------------------------------------|----------------------------------------------------------------|
| Drain wire (cross-section)                      | 22 AWG                                                         |
| wire arrangement                                | (white, blue), (black, red)                                    |
| Cable weight                                    | 63,12 g/m                                                      |
| Material jacket                                 | PUR                                                            |
| Shore hardness jacket                           | 90 ± 5 Shore A                                                 |
| Freedom from ingredients (jacket)               | lead-free, cadmium-free, CFC-free, halogen-free, silicone-free |
| Outer-diameter (jacket)                         | 6,9 mm                                                         |
| Tolerance outer diameter (sheath)               | ± 5 %                                                          |
| Material wire insulation                        | PE                                                             |
| Amount wires                                    | 2                                                              |
| Outer diameter insulation                       | 2,1 mm                                                         |
| Outer diameter tolerance core insulation        | ± 5 %                                                          |
| Shore hardness wire insulation                  | 64 ± 5 Shore D                                                 |
| Ingredient freeness wire insulation             | lead-free, CFC-free, halogen-free                              |
| Amount strands (wire)                           | 19                                                             |
| Diameter of single wires                        | 24 AWG                                                         |
| Conductor crosssection (wire)                   | 24 AWG                                                         |
| Drain wire (cross-section)                      | 22 AWG                                                         |
| Material conductor wire                         | copper stranded wire, tinned                                   |
| Electrical function wire                        | Data                                                           |
| Traversing distance (C-track)                   | 5 m                                                            |
| Material wire insulation (Data)                 | PE                                                             |
| Outer diameter wire insulation (Data)           | 1,5 mm                                                         |
| Tolerance outer diameter wire insulation (data) | ± 53 %                                                         |
| Ingredient freeness wire insulation (Data)      | lead-free, CFC-free, halogen-free                              |
| Amount wires (Data)                             | 2                                                              |
| Amount strands wire (Data)                      | 19                                                             |
| Diameter of single wires (Data)                 | 22 AWG                                                         |
| Conductor crosssection wire (Data)              | 22 AWG                                                         |
| Material conductor wire (Data)                  | copper stranded wire, tinned                                   |
| Electrical function wire (data)                 | Power                                                          |
| Nominal voltage AC max.                         | 300 V                                                          |
| Current load capacity (standard)                | to DIN VDE 0298-4                                              |
| Current load capacity min. wire                 | 4,5 A                                                          |
| Current load capacity min. Wire (Data)          | 6 A                                                            |
| Electrical function wire                        | Data                                                           |
| Electrical function wire (data)                 | Power                                                          |
| Characteristic impedance                        | 120 Ω ± 10 % @ 1 MHz                                           |
| Electrical resistance line constant wire        | 78 Ω/km                                                        |
| Electrical resistance coating wire (Data)       | 54 Ω/km                                                        |
| AC withstand voltage (wire - wire)              | 2 kV @ 60 s                                                    |
| Electric capacitance                            | 40000 pF/km                                                    |
| 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                                | UL 1581 § 1100 FT2   IEC 60332-2-2   UL 1581 § 1090            |
| chemical resistance                             | Good, application-related testing                              |
| Gasoline resistance                             | Good, application-related testing                              |
| Oil resistance                                  | DIN EN 60811-404   Good, application-related testing           |
| Bending radius (installation)                   | x Outer diameter                                               |
| Bending radius (fixed)                          | 6 x Outer diameter                                             |
| Bending radius (dynamic)                        | 10 x Outer diameter                                            |

|                        |               |
|------------------------|---------------|
| Travel speed (C-track) | 1 Mio.        |
| No. of torsion cycles  | 2 Mio.        |
| Torsion stress         | $\pm 30$ °/m  |
| Torsion speed          | 35 cycles/min |