

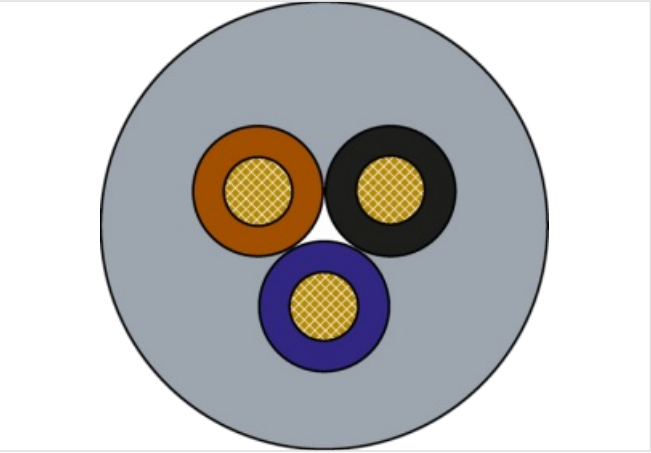
Cable drum Ø 500mm

PUR 3x0.34 gy UL/CSA+robot+drag ch. 500m

Cable drum (500 m)  
PUR (UL/CSA), welding spark  
3× 0.34 mm², grey  
suitable for C-tracks  
10 Mio.  
Suitable for robots

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                  | 4048879373050      |
| Packaging unit        | 1                  |
| Installation   Cable  |                    |
| Cable identification  | 253                |
| Cable Type            | 5                  |
| Jacket Color          | gray               |
| Type of Certificate   | cURus              |
| Amount stranding      | 1                  |
| Stranding             | 3 wires twisted    |
| wire arrangement      | brown, black, blue |
| Cable weighth         | 29,7 g/m           |
| Material jacket       | PUR                |
| Shore hardness jacket | 58 ± 3 Shore D     |

|                                                   |                                                                |
|---------------------------------------------------|----------------------------------------------------------------|
| Freedom from ingredients (jacket)                 | lead-free, cadmium-free, CFC-free, halogen-free, silicone-free |
| Outer-diameter (jacket)                           | 4,3 mm                                                         |
| Tolerance outer diameter (sheath)                 | ± 5 %                                                          |
| Material wire insulation                          | PP                                                             |
| Amount wires                                      | 3                                                              |
| Outer diameter insulation                         | 1,25 mm                                                        |
| Outer diameter tolerance core insulation          | ± 5 %                                                          |
| Shore hardness wire insulation                    | 74 ± 3 Shore D                                                 |
| Ingredient freeness wire insulation               | lead-free, cadmium-free, CFC-free, halogen-free, silicone-free |
| Amount strands (wire)                             | 42                                                             |
| Diameter of single wires                          | 0,1 mm                                                         |
| Conductor crosssection (wire)                     | 0,34 mm <sup>2</sup>                                           |
| Material conductor wire                           | Stranded copper wire, bare                                     |
| Conductor type (wire)                             | strand class 6                                                 |
| Nominal voltage AC max.                           | 300 V                                                          |
| Current load capacity (standard)                  | to DIN VDE 0298-4                                              |
| Current load capacity min. wire                   | 6 A                                                            |
| Electrical resistance line constant wire          | 60 Ω/km @ 20 °C                                                |
| AC withstand voltage (wire - wire)                | 2,5 kV @ 60 s                                                  |
| Power frequency withstand voltage (wire - jacket) | 2,5 kV @ 60 s                                                  |
| Min. operating temperature (static)               | -40 °C                                                         |
| Max. operating temperature (fixed)                | 80 °C / 90 °C @ 10000 h Operation                              |
| Operating temperature min. (dynamic)              | -25 °C                                                         |
| Operating temperature max. (dynamic)              | 80 °C / 90 °C @ 10000 h Operation                              |
| Flame resistance                                  | UL 1581 § 1090   IEC 60332-2-2   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)                          | 10 x Outer diameter                                            |
| No. of bending cycles (C-track)                   | 10 Mio. @ 25 °C                                                |
| Traversing distance (C-track)                     | 5 m @ 25 °C   horizontal                                       |
| Travel speed (C-track)                            | 3,3 m/s @ 25 °C                                                |
| No. of torsion cycles                             | 1 Mio.                                                         |
| Torsion stress                                    | ± 360 °/m                                                      |
| Torsion speed                                     | 35 cycles/min                                                  |