

**RJ45 male 0° / RJ45 male 0° shielded**

PUR 1x4xAWG22 shielded gn UL/CSA+drag ch. 1.5m

Ethernet CAT5

Male straight – male straight

RJ45 – 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



\* only for products with UL/CSA approved cable

**Form**

Form

74301

| Technical Data                            |   |
|---|---|
| Operating voltage                         | max. 60 V DC                                      |
| Operating voltage (only UL listed)        | max. 30 V DC                                      |
| Rated surge voltage                       | 1.0 kV  |
| Operating current per contact             | max. 1.5 A (20 °C)                                |
| No. of poles                              | 4   |
| Transfer parameters                       | CAT5e, Class D (ISO/IEC 11801:2002), (EN 50173-1) |
| Transfer rate                             | up to 100 Mbit/s full duplex                      |
| Material group                            | IEC 60664-1, category I                           |
| LED display                               | no  |
| Locking of ports                          | Snap-in connector                                 |
| Protection                                | IP20  |
| Material                                  | PUR   |
| Locking material                          | PA  |
| suitable for corrugated tube (internal Ø) | without   |
| General data                              |   |
| Mounting method                           | inserted  |
| Pollution Degree                          | 3   |
| Temperature range                         | -25...+85 °C, depending on cable quality          |
| Cables                                    |   |
| Cable identification                      | 659   |
| Approval (cable)                          | UL (AWM-Style 20234/10988), CSA; CE               |
| Cable weight [g/m]                        | 89,1 g  |
| Material (wire)                           | Cu wire, bare                                     |
| Resistor (core)                           | max. 55 Ω/km (20 °C)                              |
| Diameter (core)                           | 1 × 4 × AWG22/7                                   |
| AWG                                       | similar to AWG 22                                 |
| Material (wire isolation)                 | PE  |
| Wire-Ø incl. isolation                    | 1.4 mm ±5%  |
| Color/numbering of wires                  | wh, ye, bl, or                                    |
| Shield                                    | yes   |
| optical shield cover                      | min. 85%  |
| Material (jacket)                         | PUR   |
| Outer-Ø (jacket)                          | 7.4 mm ±5%  |
| Color (jacket)                            | green   |
| chemical resistance                       | good resistance to oil, gasoline and chemicals    |
| thermal resistance                        | flame retardant                                   |
| Nominal voltage                           | 600 V   |
| Temperature range (fixed)                 | -40...+80 °C                                      |
| Temperature range (mobile)                | -30...+70 °C                                      |
| Bend radius (fixed)                       | 5 × outer Ø                                       |
| Bend radius (moving)                      | 12 × outer Ø                                      |
| No. of bending cycles (C-track)           | max. 2 Mio. (25 °C)                               |
| Travel speed (C-track)                    | max. 3.3 m/s                                      |
| Acceleration (C-track)                    | max. 2 m/s <sup>2</sup>                           |
| Commercial data                           |   |
| country of origin                         | DE  |
| customs tariff number                     | 85444210  |
| EAN                                       | 4048879651134                                     |
| eClass                                    | 27061801  |
| Packaging unit                            | 1.000   |