

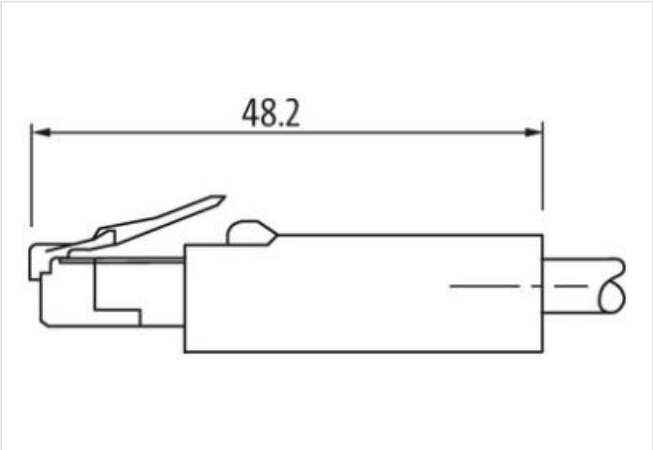
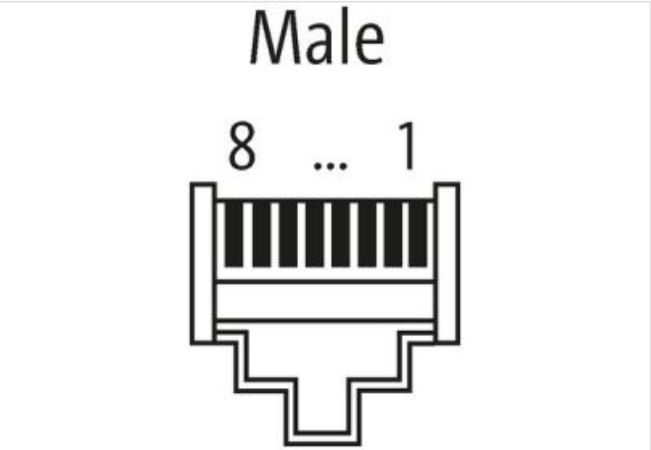
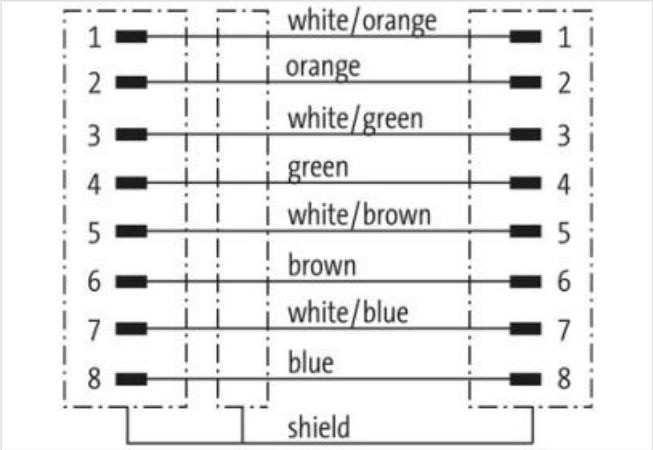
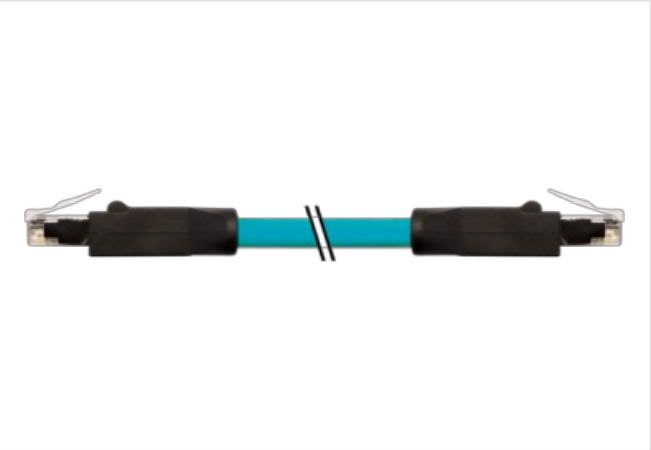
**RJ45 male 0° / RJ45 male 0°, Gigabit**

TPE 4x2x24AWG SF/UTP CAT5e bu UL/CSA, CM 3.5m

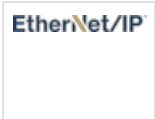
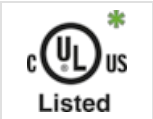
Ethernet CAT5e  
Male straight – male straight  
RJ45 – RJ45, 8-pole  
without cable sleeves  
shielded  
Protection cap  
Further cable lengths on request.  
Plastic housings with good resistance against chemicals and oils.  
The resistance to aggressive media should be individually tested for your application. Further details on request.

[Link to Product](#)

Illustration



Product may differ from Image



\* only for products with UL/CSA approved cable

Form

Form 74718

| Technical Data                            |                                                       |
|-------------------------------------------|-------------------------------------------------------|
| Operating voltage                         | max. 60 V DC                                          |
| Operating voltage (only UL listed)        | 30 V DC                                               |
| Rated surge voltage                       | 1.0 kV                                                |
| Operating current per contact             | max. 1.76 A                                           |
| No. of poles                              | 8                                                     |
| Transfer parameters                       | CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1)      |
| Transfer rate                             | 1 Gbit/s                                              |
| Material group                            | IEC 60664-1, category I                               |
| LED display                               | no                                                    |
| Locking of ports                          | Snap-in connector                                     |
| Protection                                | IP20 inserted and tightened (EN 60529)                |
| Material                                  | PUR                                                   |
| Locking material                          | PA                                                    |
| suitable for corrugated tube (internal Ø) | without                                               |
| Configuration                             | fully used                                            |
| General data                              |                                                       |
| Mounting method                           | inserted, tightened                                   |
| Pollution Degree                          | 3                                                     |
| Temperature range                         | -25...+85 °C, depending on cable quality              |
| Cables                                    |                                                       |
| Cable identification                      | S4W                                                   |
| Cable weight [g/m]                        | 74,8 g                                                |
| Material (wire)                           | Cu wire, tin plated                                   |
| Construction (core)                       | 7× 0.203 mm                                           |
| Diameter (core)                           | 4× 2× 0.25 mm <sup>2</sup>                            |
| AWG                                       | similar to AWG 24                                     |
| Material (wire isolation)                 | HDPE                                                  |
| Wire-Ø incl. isolation                    | 1.17 mm ±5%                                           |
| Color/numbering of wires                  | (wh-bl, bl) + (wh-or, or) + (wh-gn, gn) + (wh-br, br) |
| Shield                                    | yes                                                   |
| Shield (Type)                             | Copper braid                                          |
| optical shield cover                      | min. 75%                                              |
| Material (jacket)                         | TPE                                                   |
| Outer-Ø (jacket)                          | 7.6 mm ±5%                                            |
| Color (jacket)                            | (wh-bl, bl) + (wh-or, or) + (wh-gn, gn) + (wh-br, br) |
| Temperature range (fixed)                 | -40...+80 °C                                          |
| Temperature range (mobile)                | -40...+80 °C                                          |
| Bend radius (fixed)                       | 5× outer Ø                                            |
| Bend radius (moving)                      | 10× outer Ø                                           |
| No. of bending cycles (C-track)           | max. 1 Mio. (25 °C)                                   |
| No. of torsion cycles                     | max. 3 Mio. (25 °C)                                   |
| Product article number of manufacturer    | 7700-74718-S4W0350                                    |
| Cable length                              | 3,5 m                                                 |