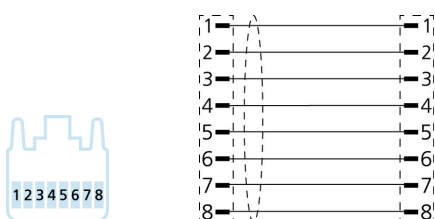
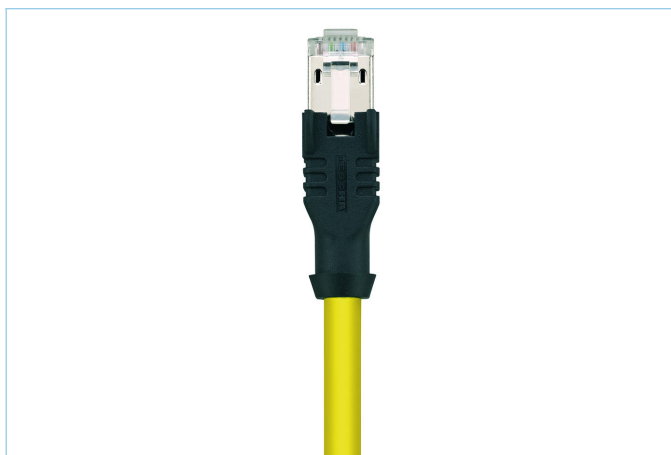
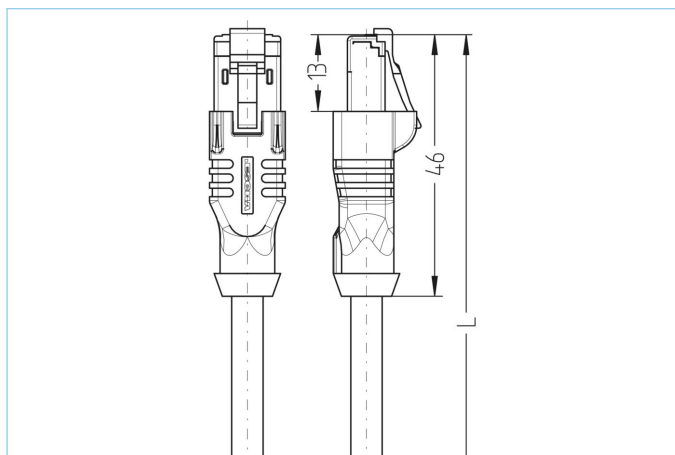


## Double-ended cordset, 100 MBit/s, Industrial Ethernet, RJ45



### Product data

|                    |                                          |
|--------------------|------------------------------------------|
| Item description   | IE-RJ45SS8.002-7,5-IE-RJ45SS8.002/S510YE |
| Item-No.           | 8068530                                  |
| Length             | 7.5m                                     |
| Customs tariff-No. | 85444290                                 |
| Step-File          | IE-RJ45SS8-m-IE-RJ45SS8_S510.stp         |
| EAN                | 4047106154769                            |
| Label-carrier      | 2 pieces                                 |

| Technical data                 | A-side                                                     | B-side                                                     |
|--------------------------------|------------------------------------------------------------|------------------------------------------------------------|
| Connector                      | male, straight, RJ45                                       | male, straight, RJ45                                       |
| Number of pins                 | 8                                                          | 8                                                          |
| Pin assignment                 | 1 WH/OG, 2 OG; 3 WH/GN, 4 BU; 5 WH/BU, 6 GN; 7 WH/BN, 8 BN | 1 WH/OG, 2 OG; 3 WH/GN, 4 BU; 5 WH/BU, 6 GN; 7 WH/BN, 8 BN |
| Allocation                     | T568B                                                      | T568B                                                      |
| Rated voltage                  | 50V                                                        | 50V                                                        |
| Current load (at 40°C)         | 1A                                                         | 1A                                                         |
| Insulation resistance          | $\geq 10^9 \Omega$                                         | $\geq 10^9 \Omega$                                         |
| Transmission features          | Cat5e                                                      | Cat5e                                                      |
| Ambient temperature product    | -40°C...+70°C                                              | -40°C...+70°C                                              |
| Contact material               | Metal, CuZn, gold-plated                                   | Metal, CuZn, gold-plated                                   |
| Contact-carrier material       | Plastic                                                    | Plastic                                                    |
| Grip body material             | Plastic, TPE, BK                                           | Plastic, TPE, BK                                           |
| Shielding                      | with shielding                                             | with shielding                                             |
| Material of shielding housing  | Metal, CuZn, nickel-plated                                 | Metal, CuZn, nickel-plated                                 |
| Standards                      | IEC 60603-7-5                                              | IEC 60603-7-5                                              |
| Degree of protection (mounted) | IP20                                                       | IP20                                                       |
| Mechanical life-cycle          | >1000 mating cycles                                        | >1000 mating cycles                                        |
| Degree of pollution            | 1                                                          | 1                                                          |

**cable**
**Cat5e, PVC, S510**

High-grade, shielded SF/UTP-cable, specified up to 200MHz, with PVC-outer jacket for safe data transmission in the data infrastructure and at office level. The VDE-tested Cat5e cable (according to EN50288 and IEC 61156) meets highest demands on economic efficiency, universality, and performance. Due to the possible bending radiuses, the flexible AWG26/7-cable is best adapted for applications in structured wiring according to ISO/

IEC 11801 as well as EN 50173 in buildings, server- and switch cabinets. Ideal solutions for all applications of class D, according to IEEE802.3ab, VoIP and PoE. The cable is available in grey, yellow, blue, red, and green. Black on request.

|                           |                                                                                                                                                               |
|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Outer diameter of jacket  | 5,50 mm                                                                                                                                                       |
| Cable-jacket material     | PVC                                                                                                                                                           |
| Jacket color              | YE, similar RAL 1021                                                                                                                                          |
| Wire cross-section        | 4 x 2 x AWG26                                                                                                                                                 |
| Wire insulation material  | PE                                                                                                                                                            |
| Wire colors               | WH/BU,BU ; WH/OG,OG ; WH/GN,GN ; WH/BN,BN                                                                                                                     |
| Conductor structure       | 7 x 0.16 mm                                                                                                                                                   |
| Bending radius (fixed)    | 5 x Ø-cable                                                                                                                                                   |
| Temperature range (fixed) | -20°C...+60°C                                                                                                                                                 |
| Shielding                 | Yes                                                                                                                                                           |
| Transmission features     | Cat5e                                                                                                                                                         |
| Special features          | RoHs compliant, high flexibility, VDE-proved                                                                                                                  |
| <b>Classification</b>     |                                                                                                                                                               |
| eCl@ss 7.0                | 27060308                                                                                                                                                      |
| eCl@ss 8.0                | 27060308                                                                                                                                                      |
| eCl@ss 9.0                | 27060308                                                                                                                                                      |
| ETIM 5.0                  | EC002599                                                                                                                                                      |
| ETIM 6.0                  | EC002599                                                                                                                                                      |
| <b>Accessories</b>        |                                                                                                                                                               |
| Unlocking clip for RJ45   | <a href="https://www.escha.net/en/products/accessoires/unlocking-clips-for-rj45/">https://www.escha.net/en/products/accessoires/unlocking-clips-for-rj45/</a> |