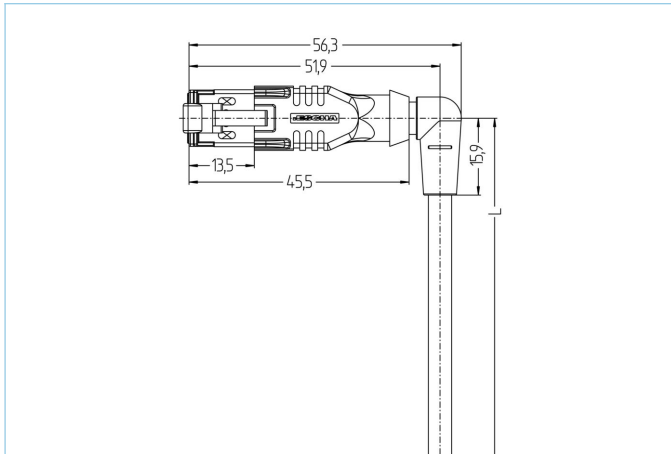


## Single-ended cordset, 100 MBit/s, Industrial Ethernet, shielded



### Product data

|                    |                          |
|--------------------|--------------------------|
| Item description   | IE-W3RJ45SS8.005-2/S3400 |
| Item-No.           | 8080679                  |
| Length             | 2m                       |
| Customs tariff-No. | 85444290                 |
| Step-File          | IE-W3RJ45SS8-m.stp       |
| EAN                | 4047106230036            |

### Technical data

|                                |                                  |
|--------------------------------|----------------------------------|
| Connector                      | male, angled, RJ45, 90°          |
| Number of pins                 | 4                                |
| Pin assignment                 | 1 WHOG, 2 OG, 3 WHBU, 6 BU       |
| Rated voltage                  | 50V                              |
| Current load (at 40°C)         | 1A                               |
| Insulation resistance          | ≥10 <sup>9</sup> Ω               |
| Transmission features          | Cat5e                            |
| Ambient temperature product    | -40°C...+70°C                    |
| Contact material               | Metal, CuZn, gold-plated         |
| Contact-carrier material       | Plastic, PA UL94-V0, transparent |
| Grip body material             | Plastic, TPE, BK                 |
| Material of shielding housing  | Metal, CuZn, nickel-plated       |
| Shielding                      | with shielding                   |
| Standards                      | IEC 60603-7-5                    |
| Degree of protection (mounted) | IP20                             |
| Mechanical life-cycle          | >750 mating cycles               |
| Cable end assembly             | open cable end                   |
| Degree of pollution            | 1                                |

| Cable | Cat5e, PUR, UL, S3400 |
|-------|-----------------------|
|-------|-----------------------|

Shielded PUR Ethernet-cable for industrial applications. Fits to real-time requirements according to IEC61158. The cable meets the UL-Style20963 (80°/30V)- and the Cat5 (electrical properties according to EN50288-2-2) requirements. Materials and a constructive setup for increased mechanical stresses (abrasion, bending, vibrations etc.) of the cable. Drag-chain/torsion operations are possible. High tensile strength through incorporated Kevlar-strands.

|                           |                                                                                                                                                                                                                               |
|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Outer diameter of jacket  | 4,80 mm                                                                                                                                                                                                                       |
| Cable-jacket material     | PUR                                                                                                                                                                                                                           |
| Jacket color              | GN, similar RAL6018                                                                                                                                                                                                           |
| Wire cross-section        | 1 x 4 x AWG26, star quad                                                                                                                                                                                                      |
| Wire insulation material  | PP                                                                                                                                                                                                                            |
| Wire colors               | WHBU/BU, WHOG/OG                                                                                                                                                                                                              |
| Conductor structure       | 19 x 0.10 mm                                                                                                                                                                                                                  |
| Bending radius (fixed)    | 4 x Ø-cable                                                                                                                                                                                                                   |
| Bending radius (repeated) | 7,5 x Ø-cable                                                                                                                                                                                                                 |
| Temperature range (fixed) | -40°C...+80°C                                                                                                                                                                                                                 |
| Transmission features     | Cat5                                                                                                                                                                                                                          |
| Rated voltage cable       | 30 V UL rating                                                                                                                                                                                                                |
| Special features          | seawater resistant, recyclable, LABS free, RoHs compliant, acid- and alkali resistant, ozone resistant, UV resistant, hydrolysis proof, drag chain-adapted, halogen free, oil resistant, high flexibility, microbes resistant |

#### Classification

|            |          |
|------------|----------|
| eCl@ss 6.0 | 27061801 |
| eCl@ss 7.0 | 27060308 |
| eCl@ss 8.0 | 27060308 |
| eCl@ss 9.0 | 27060308 |
| ETIM 5.0   | EC002599 |
| ETIM 6.0   | EC002599 |

#### Accessories

Unlocking clip for RJ45

<https://www.escha.net/en/products/standard/accessories-for-connectivity/?p=1&o=3&n=15&f=807>

Cable Stripping Tool

<https://www.escha.net/en/Products/Standard/Accessories-for-connectivity/8066215/Cable-stripping-tool-4.40-7.00mm-outer-diameter>

Cable Stripping Tool

<https://www.escha.net/en/Products/Standard/Accessories-for-connectivity/8066216/Cable-stripping-tool-3.20-4.40mm-outer-diameter>