

RJ45, male, straight, 4 poles, RJ45, male, straight, 4 poles, shielded, Industrial Ethernet 100 MBit/s



Product data

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| Item description | IE-RJ45SS4.003-5-IE-RJ45SS4.003/S5200 |
| Item-No. | 8101314 |
| Length | 5m |
| Customs tariff-No. | 85444290 |
| Step-File | IE-RJ45SS4-m-IE-RJ45SS4.stp |
| EAN | 4047106284718 |

| Technical data | A-side | B-side |
|--------------------------------|----------------------------|----------------------------|
| Connector | male, straight, RJ45 | male, straight, RJ45 |
| Number of pins | 4 | 4 |
| Pin assignment | 1 YE, 2 OG, 3 WH, 6 BU | 1 YE, 2 OG, 3 WH, 6 BU |
| Allocation | Industrial | Industrial |
| Rated voltage | 60V | 60V |
| Current load (at 40°C) | 1A | 1A |
| Insulation resistance | ≥10 ⁹ Ω | ≥10 ⁹ Ω |
| 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, TPU, BK | Plastic, TPU, 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 | >750 mating cycles | >750 mating cycles |
| Degree of pollution | 1 | 1 |

Advanced technical data UL

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| Cable web | Cat5e, PVC, UL, S5200, PROFINET |
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Shielded, PVC-cable for industrial applications. The cable is AWM-Style 21694 verified or meets the Cat5e (electrical properties of EN 50288-2-1) requirements.

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| Outer diameter of jacket | 6.50 mm |
| Cable-jacket material | PVC |
| Jacket color | GN, similar RAL6018 |
| Wire cross-section | 1 x 4 x AWG22, star quad |
| Wire insulation material | PVC |
| Wire colors | WH, BU, OG, YE |
| Wire structure | 7 x 0.25 mm |
| Bending radius (fixed) | 3 x Ø-cable |
| Bending radius (repeated) | 7 x Ø-cable |
| Temperature range (repeated) | -40°C...+80°C |
| Temperature range (fixed) | -20°C...+60°C |
| Shielding | with shielding |
| Halogen-free | No |
| UL AWM style | UL AWM 21694 |
| Transmission features | Cat5e |
| Rated voltage cable | 600 V UL rating |
| Special features | flame retardant, high flexibility, microbes resistant, oil resistant, oil- and fuel resistant, ozone resistant, PROFINET Type B, recyclable, RoHs compliant, acid- and alkali resistant, seawater resistant, UV resistant |

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| Classification | |
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| 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 |

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| Accessories |
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Unlocking clip for RJ45
<https://www.escha.net/en/products/standard/accessories-for-connectivity?p=1&o=3&n=15&f=807>

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|------------------------|
| Link to product |
|------------------------|

<https://www.escha.net/en/products/standard/data-connectors/8101314>