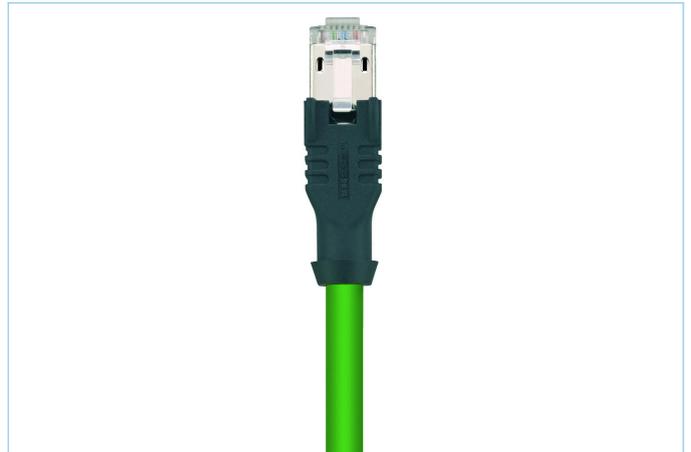
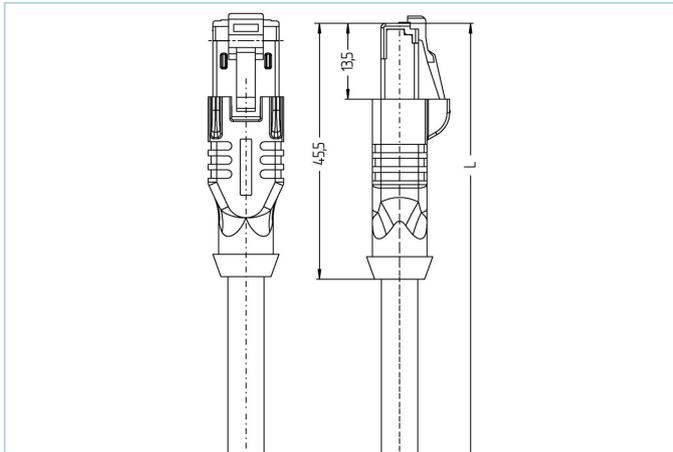


## Single-ended cordset, 10 GBit/s, Industrial Ethernet, RJ45, shielded



### Product data

Item description	IE-RJ45SS8.002-5/S3500
Item-No.	8052215
Length	5m
Customs tariff-No.	85444290
Step-File	IE-RJ45SS8-m.stp
EAN	4047106115869

### Technical data

Connector	male, straight, RJ45
Number of pins	8
Pin assignment	1 WHOG, 2 OG; 3 WHGN, 4 BU; 5 WHBU, 6 GN; 7 WHBN, 8 BN
Allocation	T568B
Rated voltage	50V
Current load (at 40°C)	1A
Transmission features	Cat6A
Ambient temperature product	-40°C...+70°C
Contact material	Metal, CuZn, gold-plated
Contact-carrier material	Plastic
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

### Advanced technical data UL

Rated voltage	30V <sub>AC/DC</sub>
Rated current	1,0A

Cable	Cat7, PUR, UL, S3500
Shielded PUR-cable for industrial applications. The cable meets the UL-Style 20963 and the Cat7 (electrical properties according to EN50288-4-2) requirements. Materials and a constructive setup allow for increased mechanical stresses (abrasion, bending, vibrations etc.) of the cable.	
Outer diameter of jacket	6,40 mm
Cable-jacket material	PUR
Jacket color	GN, similar RAL6018
Wire cross-section	4 x 2 x 0.14 mm <sup>2</sup>
Wire insulation material	PE
Wire colors	WH/OG ; WH/GN ; WH/BN ; WH/BU
Conductor structure	7 x 0.16 mm
Bending radius (fixed)	5 x Ø-cable
Bending radius (repeated)	10 x Ø-cable
Temperature range (repeated)	-20°C...+60°C
Temperature range (fixed)	-40°C...+80°C
Shielding	Yes
Halogen-free	Yes
Transmission features	Cat7
Rated voltage cable	30 V UL rating
Special features	seawater resistant, recyclable, LABS free, RoHs compliant, acid- and alkali resistant, UV resistant, hydrolysis proof, halogen free, oil resistant, high flexibility, no corrosive gases, microbes resistant, no fire propagation

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 <a href="https://www.escha.net/en/products/standard/accessories-for-connectivity/?p=1&amp;o=3&amp;n=15&amp;f=807">https://www.escha.net/en/products/standard/accessories-for-connectivity/?p=1&amp;o=3&amp;n=15&amp;f=807</a>
Cable Stripping Tool <a href="https://www.escha.net/en/Products/Standard/Accessories-for-connectivity/8066215/Cable-stripping-tool-4.40-7.00mm-outer-diameter">https://www.escha.net/en/Products/Standard/Accessories-for-connectivity/8066215/Cable-stripping-tool-4.40-7.00mm-outer-diameter</a>
Cable Stripping Tool <a href="https://www.escha.net/en/Products/Standard/Accessories-for-connectivity/8066216/Cable-stripping-tool-3.20-4.40mm-outer-diameter">https://www.escha.net/en/Products/Standard/Accessories-for-connectivity/8066216/Cable-stripping-tool-3.20-4.40mm-outer-diameter</a>