ESCHA

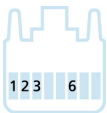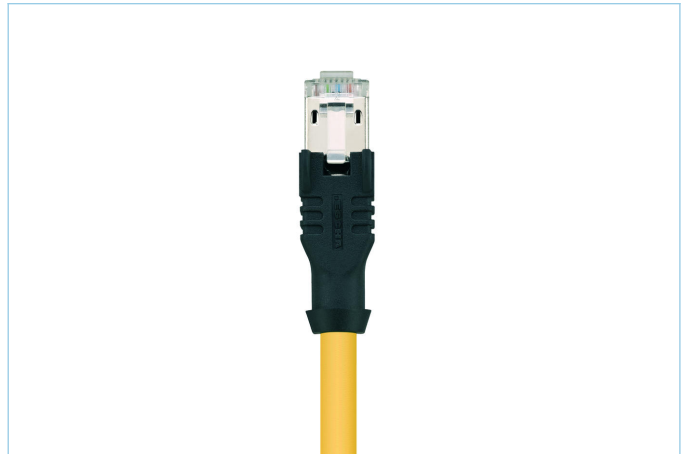## RJ45, male, straight, 8 poles, RJ45, male, straight, 8 poles, shielded, Industrial Ethernet 100 MBit/s

Product data

Item description	IE-RJ45SS8.003-7,5-IE-RJ45SS8.003/S1329
Item-No.	8101492
Length	7.5m
Customs tariff-No.	85444290
Step-File	IE-RJ45SS8-m-IE-RJ45SS8.stp
EAN	4047106287078

Technical data

Technical data	A-side	B-side
Connector	male, straight, RJ45	male, straight, RJ45
Number of pins	8	8
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	≥10^8Ω	≥10^8Ω
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	>1000 mating cycles	>1000 mating cycles
Degree of pollution	1	1

Advanced technical data UL

Rated voltage	50V
Rated current	1,0A

Cable web	Cat5e, PUR, UL, S1329, EtherCAT

Shielded PUR Ethernet-cable for industrial applications. Fits to real-time requirements according to IEC61158. The cable meets the UL-Style 21815 (80°/300V)- and the Cat5e (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	4.65 mm
Cable-jacket material	PUR
Jacket color	YE, similar RAL 1021
Wire cross-section	1 x 4 x AWG26, star quad
Wire insulation material	PP
Wire colors	OG, WH, BU, YE
Wire structure	19 x 0.15 mm
Bending radius (repeated)	8 x Ø-cable
Temperature range (repeated)	-30°C...+70°C
Temperature range (fixed)	-40°C...+80°C
Temperature range (drag chain)	-20°C…+60°C
Halogen-free	Yes
Transmission features	Cat5e
Rated voltage cable	300 V UL rating
Special features	halogen free, high flexibility, hydrolysis proof, LABS free, microbes resistant, oil resistant, ozone resistant, recyclable, RoHs compliant, acid- and alkali resistant, drag chain-adapted, seawater resistant, UV 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