.ESCHA
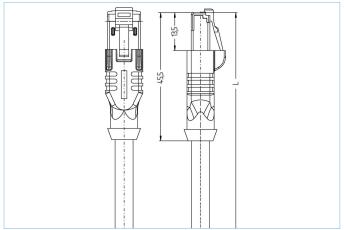
RJ45, male, straight, 8 poles, RJ45, male, straight, 8 poles, shielded, Industrial Ethernet 10 GBit/s

Product data

Item description	IE-RJ45SS8.002-5-IE-RJ45SS8.002/S3500
Item-No.	8048830
Length	5m
Customs tariff-No.	85444290
Step-File	IE-RJ45SS8-m-IE-RJ45SS8_S3500.stp
EAN	4047106008796

Technical data	A-side	B-side
Connector	male, straight, RJ45	male, straight, RJ45
Number of pins	8	8
Pin assignment	1 WHOG, 2 OG; 3 WHGN, 4 BU; 5 WHBU, 6 GN; 7 WHBN, 8 BN	1 WHOG, 2 OG; 3 WHGN, 4 BU; 5 WHBU, 6 GN; 7 WHBN, 8 BN
Allocation	T568B	T568B
Rated voltage	60V	60V
Current load (at 40°C)	1A	1A
Insulation resistance	≥10^8Ω	≥10^8Ω
Transmission features	Cat6A	Cat6A
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 60603-7-51	IEC 60603-7-51
Degree of protection (mounted)	IP20	IP20
Mechanical life-cycle	>750 mating cycles	>750 mating cycles
Degree of pollution	1	1

Advanced technical data UL

Rated voltage	30V$_{AC/DC}$
Rated current	1,0

Cable web — 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 mm²
Wire insulation material	PE
Wire colors	WH/OG ; WH/GN ; WH/BN ; WH/BU
Wire 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	halogen free, high flexibility, hydrolysis proof, no fire propargation, no corrosive gases, LABS free, microbes resistant, oil resistant, recyclable, RoHs compliant, acid- and alkali resistant, seawater resistant, UV resistant

Classification

eCl@ss 6.0	27060307
eCl@ss 7.0	27060307
eCl@ss 8.0	27060307
eCl@ss 9.0	27060307
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

Link to product

https://www.escha.net/en/products/standard/data-connectors/8048830