

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
Label-carrier	2 pieces

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 <sup>8</sup> Ω	≥10 <sup>8</sup> Ω
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 60603-7-5	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

Rated voltage 30V<sub>AC/DC</sub>

Rated current 1,0

### 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

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 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 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>