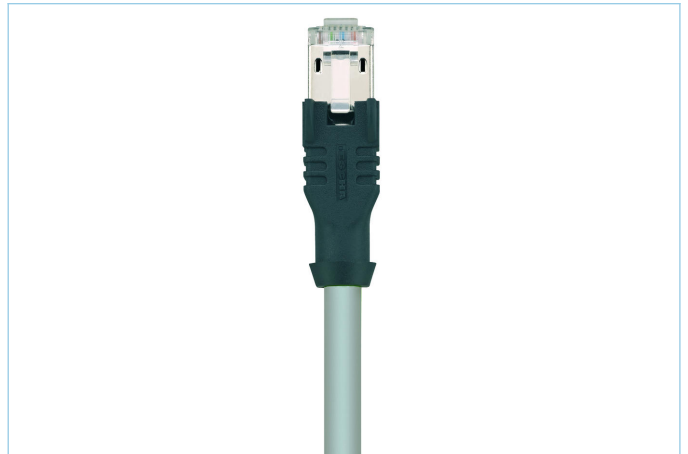


RJ45, male, straight, 8 poles, RJ45, male, straight, 8 poles, grey, shielded, Industrial Ethernet 100 MBit/s



Product data	
Item description	IE-RJ45SS8.002-12,5-IE-RJ45SS8.002/S510GY
Item-No.	8068503
Length	12.5m
Customs tariff-No.	85444290
Step-File	IE-RJ45SS8-m-IE-RJ45SS8_S510.stp
EAN	4047106154615
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 WH/OG, 2 OG; 3 WH/GN, 4 BU; 5 WH/BU, 6 GN; 7 WH/BN, 8 BN	1 WH/OG, 2 OG; 3 WH/GN, 4 BU; 5 WH/BU, 6 GN; 7 WH/BN, 8 BN
Allocation	T568B	T568B
Rated voltage	60V	60V
Current load (at 40°C)	1A	1A
Insulation resistance	≥10 <sup>9</sup> Ω	≥10 <sup>9</sup> 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, 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	>1000 mating cycles	>1000 mating cycles
Degree of pollution	1	1

**Cable**
**Cat5e, PVC, S510**

High-grade, shielded SF/UTP-cable, specified up to 200MHz, with PVC-outer jacket for safe data transmission in the data infrastructure and at office level. The VDE-tested Cat5e cable (according to EN50288 and IEC 61156) meets highest demands on economic efficiency, universality, and performance. Due to the possible bending radiuses, the flexible AWG26/7-cable is best adapted for applications in structured wiring according to ISO/

IEC 11801 as well as EN 50173 in buildings, server- and switch cabinets. Ideal solutions for all applications of class D, according to IEEE802.3ab, VoIP and PoE. The cable is available in grey, yellow, blue, red, and green. Black on request.

Outer diameter of jacket	5.50 mm
Cable-jacket material	PVC
Jacket color	GY, similar RAL7035
Wire cross-section	4 x 2 x AWG26
Wire insulation material	PE
Wire colors	WHOG/OG ; WHGN/GN ; WHBN/BN ; WHBU/BU
Wire structure	7 x 0.16 mm
Bending radius (fixed)	5 x Ø-cable
Temperature range (fixed)	-20°C...+60°C
Shielding	Yes
Transmission features	Cat5e
Special features	RoHs compliant, high flexibility, VDE-proved

**Classification**

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>

**Link to product**

<https://www.escha.net/en/products/standard/data-connectors/8068503>