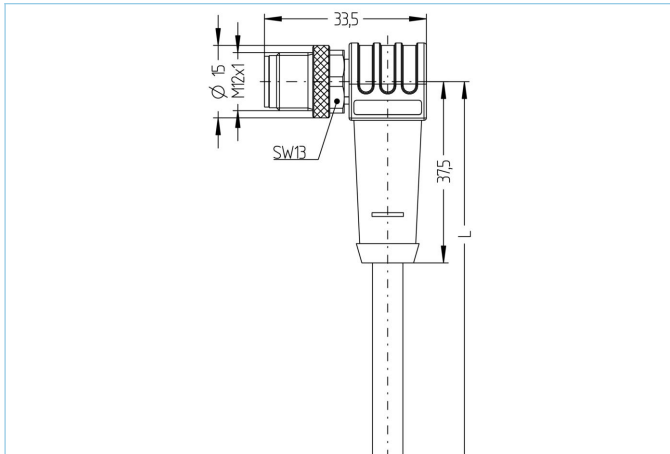


Single-ended cordset, 10 GBit/s, Industrial Ethernet, M12, shielded



Product data

Item description	IE-WWASSX8.066-5/S3500
Item-No.	8055442
Length	5m
Customs tariff-No.	85444290
Step-File	IE-WWASSX8-L_S3500.stp
EAN	4047106139315

Technical data

Connector	male, angled, M12
Number of pins	8
Pin assignment	1 WHOG, 2 OG; 3 WHGN, 4 GN; 5 WHBN, 6 BN; 7 WHBU, 8 BU
Coding	X
Rated voltage	50V _{AC} 60V _{DC}
Current load (at 40°C)	0.5A
Insulation resistance	≥10 ⁹ Ω
Resistance	≤ 5mΩ
Transmission features	Cat6A
Ambient temperature product	-30°C...+90°C
Contact material	Metal, CuZn, gold-plated
Contact-carrier material	Plastic, PA, transparent
Grip body material	Plastic, TPU, BK
Coupling nut material	Metal, CuZn, nickel-plated
Shielding	with shielding
Standards	IEC 61076-2-109
Degree of protection (mounted)	IP65, IP67, IP68
Mechanical life-cycle	>100 mating cycles
Cable end assembly	open cable end
Degree of pollution	2

Advanced technical data UL

Rated voltage	30V _{AC/DC}
Rated current	0,5A

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 ²
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		27060307
eCl@ss 7.0		27060307
eCl@ss 8.0		27060307
eCl@ss 9.0		27060307
ETIM 5.0		EC000830
ETIM 6.0		EC000830
Accessories		
Mounting-set, M12 https://www.escha.net/en/Products/Standard/Accessories-for-connectivity/8047664/Mounting-set-M12-clips-and-screws-M4x8-black		
Torque-wrench set https://www.escha.net/en/Products/Standard/Accessories-for-connectivity/8055431/Torque-wrench-set-M8-M12		
Marking rings Ø 9mm https://www.escha.net/en/products/standard/accessories-for-connectivity/?p=1&o=3&n=15&f=809		
Cable Stripping Tool https://www.escha.net/en/Products/Standard/Accessories-for-connectivity/8066215/Cable-stripping-tool-4.40-7.00mm-outer-diameter		
Cable Stripping Tool https://www.escha.net/en/Products/Standard/Accessories-for-connectivity/8066216/Cable-stripping-tool-3.20-4.40mm-outer-diameter		