

PRODUCT INFORMATION

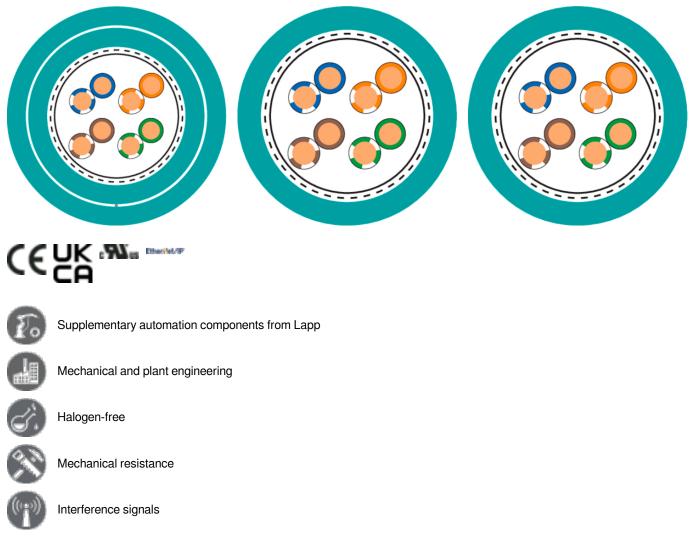
ETHERLINE® Cat.5e

Ethernet cable Category 5e, Class D for fixed installation - verified up to 100 MHz

Industrial Ethernet cable Cat.5e for fixed installation halogenfree or PUR (AWM-approval) outer sheath material, design 2 or 4 x2xAWG24/1

Info

Industrial Ethernet cable Cat.5e



Benefits

Seamless communication from the sensor/actuator level to the Internet Screened against interference Can be used in dry or damp rooms Can be used for Industrial Ethernet in harsh industrial environments cables with PUR jacket: 1000 V UL- rating for installation next to power cables

Application range

2pair: 10/100 Mbit/s for Industrial Ethernet 4pair: 10/100/1000 Mbit/s for Industrial Ethernet

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ETHERLINE® Cat.5e

suitable for EtherCAT and EtherNet/IP applications Industrial use Fixed Installation

Product features

High-quality, double screening ensures high transmission reliability in areas with electromagnetic interference PUR outer sheath is highly resistant to mineral oils and abrasion Halogen-free outer sheath

Norm references / Approvals

PUR versions: UL AWM Style 21576 Flame retardant acc. to IEC 60332-1-2 Halogenfree cables: halogenfree according to IEC 60754-1, IEC 60754-2 PUR cables: halogenfree acc. to VDE 0472-815

Product Make-up

Solid conductor Core insulation made of foam skin 2 or 4-pair version SF/UTP: braid of tinned copper wire and plastic laminated aluminum foil as overall screening Outer sheath as either PUR or LSZH Colour: water blue (similar to RAL 5021)

Technical Data

ETIM 5.0 Class-ID: EC000830 ETIM 5.0 Class-Description: Data cable
ETIM 6.0 Class-ID: EC000830 ETIM 6.0 Class-Description: Data cable
(not for power applications) 125 V
Fixed installation: 7.5 x outer diameter Fixed installation: 8 x outer diameter (4 pair cable)
Core/core: 1000 V Core/screen: 500 V
nom. 100 Ω acc. to IEC 61156-5
Fixed installation: -30°C to +80°C During installation: -5°C to +50°C

Note

Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request.

Please find our standard lengths at: www.lappkabel.de/en/cable-standardlengths

Packaging size: coil \leq 30 kg or \leq 250 m, otherwise drum

Detailed data sheets are available upon request. Please specify the type/dimensions of the required cable.

Photographs and graphics are not to scale and do not represent detailed images of the respective products.

Prices are net prices without VAT and surcharges. Sale to business customers only.

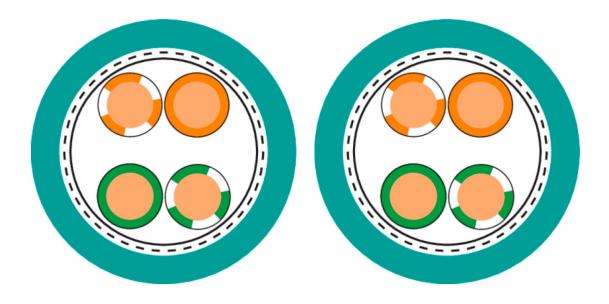
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Article number	e e	Number of pairs and AWG per conductor	Core diameter in mm	Outer diameter mm	Copper index (kg/km)	Weight (kg/km)
2170280	ETHERLINE® H CAT.5e	2 x 2 x AWG24/1	1	5.6	22	45
PUR outer sheath, ha	alogen-free					·
2170281	ETHERLINE® P CAT.5e	2 x 2 x AWG24/1	1	5.8	22	45
						·
2170296	ETHERLINE® H CAT.5e	4 x 2 x AWG24/1	1	6.1	32	54
2170298	ETHERLINE® H-H CAT.5e	4 x 2 x AWG24/1	1	6.1 / 8.1	32	80
PUR outer sheath, ha	alogen-free		•	•		•
2170297	ETHERLINE® P CAT.5e	4 x 2 x AWG24/1	1	6.1	32	62

ETHERLINE® Cat.5e



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