

PRODUCT INFORMATION

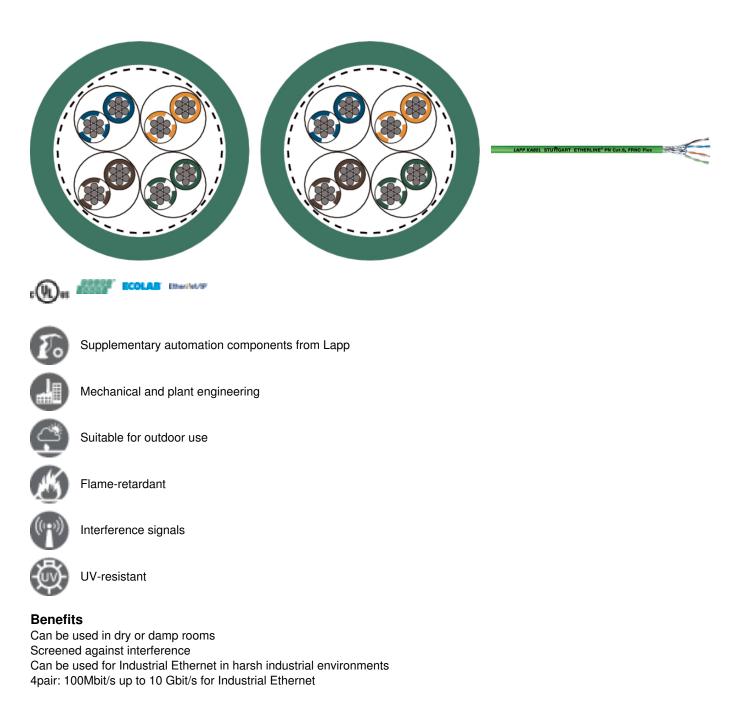
ETHERLINE® PN Cat.6A FLEX

Flexible use

Industrial Ethernet cable Cat.6A for flexible use, 4 pairs, PVC or FRNC outer sheath with UL-approval, 4x2xAWG23/7

Info

For PROFINET applications with 4 pairs CAT.6Aqualified for 10Gbit/s



Application range

for industrial secondary and tertiary cabling according to EN 50173-3 $\ensuremath{\mathsf{ISO/\mathsf{IEC}}}\xspace$ 24702

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PRODUCT INFORMATION

ETHERLINE® PN Cat.6A FLEX

Wiring of machines, tools, devices, appliances and control cabinets suitable for EtherCAT and EtherNet/IP applications For flexible applications (7-wire stranded conductor)

Product features

CAT.6A for flexible application, qualified for 10Gbit/s Meets the requirements according to CAT.6A, ISO/IEC 11801 and EN 50173 High-quality, double screening ensures high transmission reliability in areas with electromagnetic interference The oil-resistant PVC sheath enables usage in industrial environments

Norm references / Approvals

PVC version with PLTC approval and UL CMG listing ETHERLINE® PN Cat.6A Y FLEX: ECOLAB® Industry standard for innovation and efficiency in the field of professionllen cleaning and disinfection

Product Make-up

7-wire tinned stranded copper conductor Core insulation: PE S/FTP: copper braid as overall screening and pair screening with aluminium compound foil PVC or FRNC jacket material Colour: green (based on RAL 6018)

Technical Data

Classification ETIM 5:	ETIM 5.0/6.0 Class-ID: EC000830 ETIM 5.0/6.0 Class-Description: Data cable	
Classification ETIM 6:	ETIM 6.0 Class-ID: EC000830 ETIM 6.0 Class-Description: Data cable	
Peak operating voltage:	(not for power applications) 125 V	
Minimum bending radius:	Flexing: 15 x outer diameter Fixed installation: 8 x outer diameter	
Characteristic impedance:	nom. 100 Ω acc. to IEC 61156-5	
Temperature range:	cable halogenfree compound Fixed installation: -25°C to +80°C Occasional flexing: -10°C to +80°C cable with PVC jacket Fixed installation: -40°C to +80°C Occasional flexing: -10°Cto +70°C	

Note

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

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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.

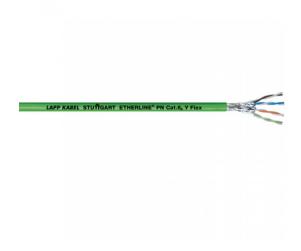
Prices are net prices without VAT and surcharges. Sale to business customers only.

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et l Indata (18 N	Article number	Article designation	Number of pairs and AWG per conductor	Core diameter in mm	Outer diameter mm	J_1NVGW	
	PVC outer sheath						
		ETHERLINE PN Cat.6 _A Y FLEX	4 x 2 x AWG23/7	1.5	8.8	48	
	FRNC outer sheath						
000/		ETHERLINE PN Cat.6 _A FRNC FLEX	4 x 2 x AWG23/7	1.5	8.8	48	



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