
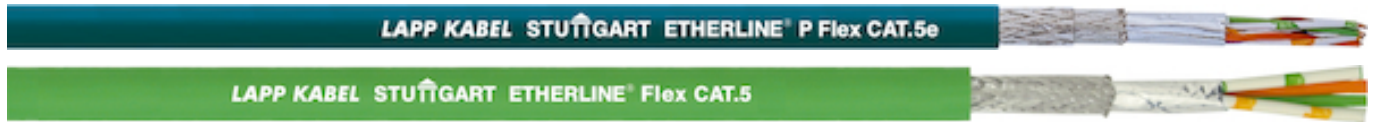


U.I. Lapp GmbH	PRODUCT INFORMATION	
	ETHERLINE® Cat.5e FLEX	12.09.2012

Flexible use
 For directly connecting two electric components
 Very low installation cost due to the use of Ethernet cables
 Screened against interference



Info

Industrial Ethernet cable
 Cat.5e
 Only for patch cable applications (max. 60 m)

Application range

Suitable for fixed installation in dry and damp rooms
 2pair: 10/100 Mbit/s for Industrial Ethernet
 4pair: 10/100/1000 Mbit/s for Industrial Ethernet
 For flexible applications (7-wire stranded conductor)
 Industrial use

Design

Stranded conductor, 7-wire, bare
 Core insulation made of foam skin
 SF/UTP: copper braid and foil screening as overall screening
 Outer sheath as either PUR or LSZH
 Colour: water blue (RAL 5021)
 2 or 4-pair version

Product features

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

Remark

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 ≤ 30 kg or ≤ 250 m, otherwise drum
 Detailed data sheets are available upon request. Please specify the type/dimensions of the required cable.
 Photographs are not to scale and do not represent detailed images of the respective products.

Technical Data

Peak operating voltage:	(not for power applications) 125 V
Minimum bending radius:	See data sheet
Test voltage:	Core/core: 1000 V Core/screen: 500 V
Temperature range:	During installation: -5 °C to +60 °C Operation: see data sheet
Characteristic impedance:	100 Ohm +- 15%

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Part number	Article designation	Number of pairs and AWG per conductor	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
2-pair version Halogen-free compound					
2170283	ETHERLINE® H Flex CAT.5e	2 x 2 x AWG26/7	5,4	19.0	43
PUR outer sheath, halogen-free					
2170284	ETHERLINE® P Flex CAT.5e	2 x 2 x AWG26/7	5,8	19.0	45
4-pair version Halogen-free compound					
2170299	ETHERLINE® H Flex CAT.5e	4 x 2 x AWG26/7	6,1	25.0	48
Outer sheath: PUR, halogen-free					
2170300	ETHERLINE® P Flex CAT.5e	4 x 2 x AWG26/7	6,1	25.0	54