

U.I. Lapp GmbH	PRODUCT INFORMATION	
	ETHERLINE® Cat.6a + Cat.7	12.09.2012

Fixed installation
 Screened against interference
 Cat.6A = 500 MHz
 CAT.7 = 600 MHz



Info

Industrial Ethernet cable

Application range

Can be used for Industrial Ethernet in harsh industrial environments
 Can be used in dry or damp rooms

Design

Solid bare copper wire AWG22
 Core insulation made of polyethylene (PE)
 S/FTP: copper braid as overall screening and pair screening with aluminium compound foil
 Colour: green

Product features

PUR outer sheath is highly resistant to mineral oils and abrasion
 Robust, halogen-free outer sheath
 PVC outer sheath

Remark

Copper price basis: EUR 150/100kg. Refer to Appendix T17 for the definition and calculation of copper-related surcharges.
 Please find our standard lengths at: www.lappkabel.de/en/cable-standardlengths
 Packaging size: coil ≤ 30 kg or ≤ 250 m, otherwise drum
 Please specify the preferred type of packaging (e.g. 1 x 500 m drum or 5 x 100 m coils).
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Technical Data

Characteristic impedance: 100 ohm at 1 - 100 MHz

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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)
2170466	ETHERLINE® Cat.6A H	4 x 2 x AWG22/1	8,7	53.0	99
2170465	ETHERLINE®CAT.6A P	4 x 2 x AWG22/1	8,7	53.0	91
2170464	ETHERLINE® Cat.6A Y	4 x 2 x AWG22/1	8,7	53.0	98
2170475	ETHERLINE® Cat.7 P	4 x 2 x AWG22/1	8,7	53.0	91
2170474	ETHERLINE® Cat.7 Y	4 x 2 x AWG22/1	8,7	53.0	98
2170476	ETHERLINE® CAT.7 H	4 x 2 x AWG22/1	8,7	53.0	99