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| U.I. Lapp<br>GmbH | <b>PRODUCT INFORMATION</b>       |  |
|                   | <b>ETHERLINE® Cat.6a + Cat.7</b> | 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](http://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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**ETHERLINE® Cat.6a + Cat.7**

12.09.2012

| 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             |