ETHERLINE® Cat.5 ARM

Fixed Installation

Industrial Ethernet cable Cat.5 for direct burial with rodent protection, for PROFINET applications Type C, PE outer sheath

Info

Industrial Ethernet cable
CAT.5-Performance
Suitable for outdoor use and direct burial

- Supplementary automation components from Lapp
- Mechanical and plant engineering
- Suitable for outdoor use
- Mechanical resistance
- Robust
- Interference signals
- UV-resistant

Benefits

Can be used for Industrial Ethernet in harsh industrial environments
EMC-optimised design
With armouring for improved rodent protection
Screened against interference
2pair: 10/100 Mbit/s for Industrial Ethernet

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Product Management www.lappkabel.de
You can find the current technical data in the corresponding data sheet.
PN 0456 / 02_03.16

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Application range
Suitable for outdoor use, UV-resistant
Suitable for direct burial
PROFINET application Type C but for fixed installation
suitable for EtherCAT and EtherNet/IP applications

Product features
Fast Connect (FC) cable design

Product Make-up
Solid and bare copper conductor
Core insulation: PE
Colour-coded in accordance with PROFINET for Cat.5e apllications
Star quad
SF/UTP: braid of tinned copper wire and plastic laminated aluminum foil as overall screening
Inner sheath made of PVC (green RAL6018)
2 layer galvanzid steel tape
Outer sheath made of black polyethylene (PE)

Technical Data

Classification ETIM 5:	ETIM 5.0 Class-ID: EC000830 ETIM 5.0 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:	During installation: 15 x outer diameter Fixed installation: 10 x outer diameter
Test voltage:	Core/core: 2000 V Core/screen: 2000 V
Characteristic impedance:	nom. 100 Ω acc. to IEC 61156-5
Temperature range:	During installation: -20 °C to +60 °C Fixed installation: -40 °C to +70 °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 ≤ 30 kg or ≤ 250 m, otherwise drum
PROFINET® is a registered trademark of the PNO (PROFIBUS user organisation)
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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PRODUCT INFORMATION

Article number	Article designation	Number of pairs and AWG per conductor	Core diameter in mm	Outer diameter mm	Copper index (kg/km)	Weight (kg/km)
Fixed Installation						
2170496	ETHERLINE® Cat.5 ARM	2 x 2 x AWG22/1	1.5	6.5 / 9.3	30.4	124

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