

ETHERLINE® Cat.5 ARM

Fixed Installation

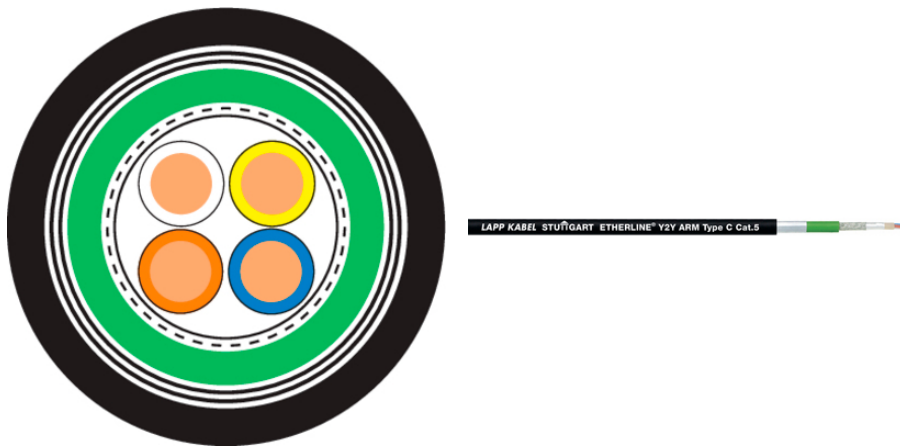
Industrial Ethernet cable Cat.5 for direct burial with rodent protection, for PROFINET applications Type C, PE outer sheath

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

Last Update (24.04.2024)

©2024 Lapp Group - Technical changes reserved

Product Management www.lappkabel.de

You can find the current technical data in the corresponding data sheet.

PN 0456 / 02_03.16

ETHERLINE® Cat.5 ARM

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 applications
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 galvanizid 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 \leq 30 kg or \leq 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.

ETHERLINE® Cat.5 ARM

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