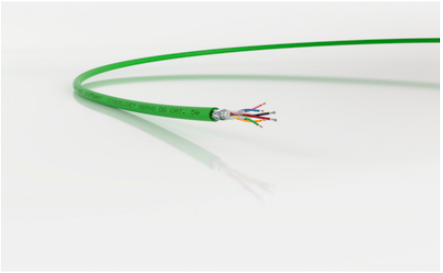
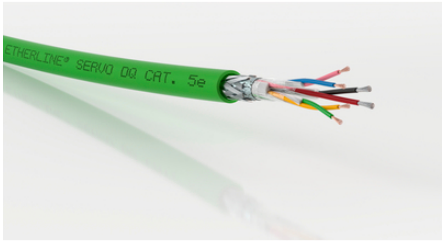
ETHERLINE® SERVO DQ

Encoder cables for DRIVE CLiQ applications

Industrial Ethernet encoder cable for DRIVE CLiQ system interfaces, Cat.5e, with an additional wire pair for power supply, suitable for highly flexible use in drag chains

Info
DRIVE CLiQ applications
For highly flexible applications





Supplementary automation components from Lapp

Mechanical and plant engineering

Flame-retardant

Halogen-free

Power chain

Benefits
Highly flexible data cable with PUR outer sheath, meets the highest service life requirements, even under harsh climatic conditions
Cat.5e-Performance
Premium screening against electromagnetic interference

Application range
For use in power chains and moving machinery parts in dry or damp rooms
Encoder cables
2pair: 10/100 Mbit/s for Industrial Ethernet
for industrial secondary and tertiary cabling according to EN 50173-3
ISO/IEC 24702

Last Update (26.04.2024)
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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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Product features
PUR outer sheath is resistant to most oils and hydraulic fluids
Cat.5e encoder cable for use in drag chains
Halogen-free according to VDE 0472-815

Norm references / Approvals
UL AWM Style 20987
Flame-retardant according to IEC 60332-1-2, VW-1, FT1

Product Make-up
Data pairs: 26 AWG (19-wire)
Power pair: 22 AWG (19-wire)
Twisting: data pairs and power supply pairs twisted together
Core insulation made of polyethylene (PE)
Screening: wrapping of laminated aluminium foil in combination with tinned copper braiding
Outer sheath: PUR compound, halogen-free
Outer sheath colour: green (RAL 6018)

Technical Data

Classification ETIM 5:	ETIM 5.0 Class-ID: EC000830 ETIM 5.0 Class-Description: Data cable
Minimum bending radius:	Fixed installation: 6 x outer diameter Flexing: 8 x outer diameter
Test voltage:	Core/Core: 1500 V Core/screen: 1000 V
Characteristic impedance:	100 Ω ± 15%
Temperature range:	Fixed installation: -40°C to +80°C Flexing: -30°C to +70°C

Note
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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Article number	Article designation	Number of pairs and AWG per conductor	Outer diameter mm	Copper index (kg/km)	Weight (kg/km)
2170937	ETHERLINE SERVO DQ FD P Cat.5e	2x2x26/19 AWG + 1x2x22/19 AWG	6.9	39	63

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