

## ETHERLINE® SERVO DQ Y Cat.5e

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 fixed installation and occasional flexing

### Info

DRIVE CLiQ applications

Occasional flexing



Supplementary automation components from Lapp



Mechanical and plant engineering



Flame-retardant

### Benefits

Compliant with the open DRIVE-CLiQ® system interface

Reduced cabling effort thanks to additional wire pair for power supply of the encoder

Ideal protection against electromagnetic interference due to copper shielding braid with high degree of coverage

Cat.5e performance up to 100 Mbit/s

### Application range

For wiring the control unit and synchronous motor and/or encoder with DRIVE-CLiQ® system interface

For fixed installation and flexible use

Can be used in dry or damp rooms

PVC outer sheath is resistant to acids and alkalis

### Norm references / Approvals

Flame retardant acc. to IEC 60332-1-2

### Product Make-up

Data pairs: 26 AWG (7-wire)

Power pair: 22 AWG (7-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 made of PVC

Outer sheath colour: green (RAL 6018)

### Technical Data

Peak operating voltage:

max. 100 V (not for power applications)

Minimum bending radius:

Fixed installation: 6 x outer diameter

Last Update (22.02.2024)

©2024 Lapp Group - Technical changes reserved

Product Management [www.lappkabel.de](http://www.lappkabel.de)

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

PN 0456 / 02\_03.16

**ETHERLINE® SERVO DQ Y Cat.5e**

Test voltage:	Occasional flexing: 15 x outer diameter Core/core: 700 V Core/screen: 700 V
Characteristic impedance:	nom. 100 $\Omega$
Temperature range:	Fixed installation: -15°C up to +70°C Flexing: -5°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.

**ETHERLINE® SERVO DQ Y Cat.5e**

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)
2170938	ETHERLINE® SERVO DQ Y Cat.5e	2x2x26/7AWG + 1x2x22/7AWG	1.05	6.5	33	58