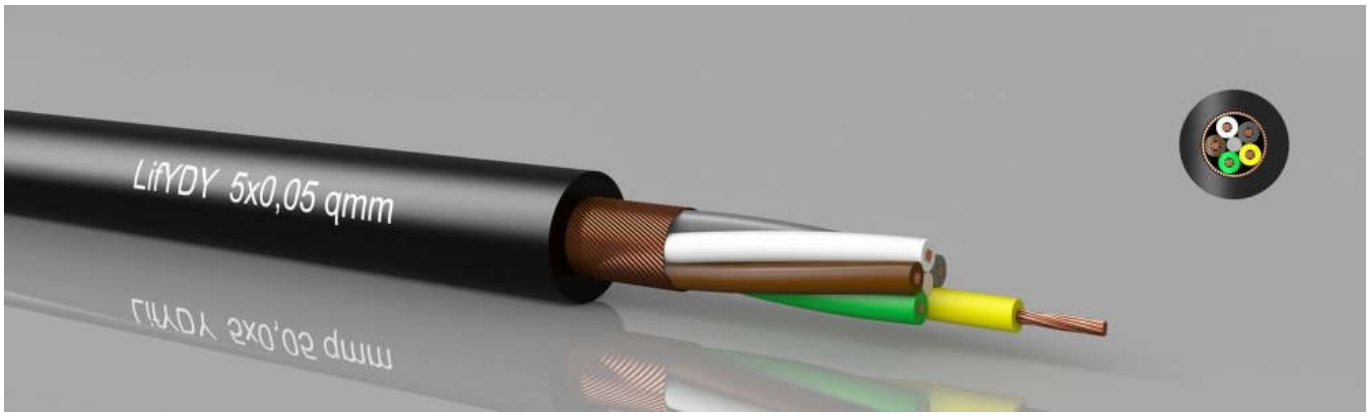
kabeltronik®

quality at the highest level



✓ installation ✓ mobile ✓ RoHS ✓ REACH ✓ CE

LifYDY 2 x 0,10 qmm

shielded, extremely flexible
Order-No. 340201000

Application / Description

Preferably for applications in motion, without movement by compulsion and tensile load as well as miniature devices, alarm systems, light barriers, signalling systems, etc., where highest flexibility and fail-safe characteristic with small outside diameter are necessary.

Variant data

O.D.	approx. 3,60 mm
weight	19,0 kg/km
Cu-weigth	7,8 kg/km
skinning tool (jacket)	40026
skinning tool (core)	20310

Construction / data

Conductor	finest bare stranded copper wire
Structure of conductor	51 x 0,05 mm
Cross section	0,10 qmm
Core-Ø	approx. 1,00 mm
number of cores	2
Core insulation	PVC acc. to VDE 0207
Colour sequence	DIN 47100
Twisting	cores in layers
Overall shield	bare copper spiral shield
Outer jacket	PVC acc. to VDE 0207
Outer jacket colour	black, sim. RAL 9005
Dimension	2 x 0,10 qmm

More information

Additional properties	flame retardant acc. to IEC 60332-1-2 and IEC 60332-2-2

Technical characteristics

Flammability	flame retardant acc. to IEC 60332-1-2 and IEC 60332-2-2
Temperature range	static: -20 °C to +70 °C dynamic: -5 °C to +70 °C
Bending radius static	> 8 x O.D.
Bending radius dynamic	> 12 x O.D.
Operating voltage	300 V
Testing voltage	900 V
Insulation resistance	> 20 MOHM x km at + 20°C
Conductor resistance	max. 200,0 Ohm/km

Packaging

Spools at 100m, Spools at 250m
Lower and upper lengths according to availability. Special packaging on request.

Add-on information

Miniature control cables also available in UL and temperature resistant PVC

Technische Änderungen und Irrtümer vorbehalten. Die Eignung für einen konkreten Verwendungszweck muss vom Kunden geprüft werden. Achtung: Gefahr eines elektrischen Schlages, Produkt darf nur von Fachpersonal verarbeitet werden!
Technical changes and errors reserved. The suitability for a specific purpose must be checked by the customer. Warning: Risk of electric shock, the product may only be handled by qualified personnel

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