



✓ installation ✓ mobile ✓ RoHS ✓ REACH ✓ CE

LifYDY 12 x 0,05 qmm

shielded, extremely flexible

Order-No. 341200500

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. 4,50 mm
weight	27,0 kg/km
Cu-weight	13,9 kg/km
skinning tool (jacket)	40026
skinning tool (core)	20300 / 30161

Construction / data

Conductor	finest bare stranded copper wire
Structure of conductor	26 x 0,05 mm
Cross section	0,05 qmm
Core-Ø	approx. 0,75 mm
number of cores	12
Core insulation	PVC acc. to VDE 0207
Core colour sequence	<u>DIN 47100</u>
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	12 x 0,05 qmm

More information

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

Temperature range	static: -20 °C to +70 °C dynamic: -5 °C to +70 °C
Bending radius	> 10 x O.D.
Bending radius static	> 10 x O.D.
Bending radius dynamic	> 15 x O.D.
Operating voltage	100 V
Testing voltage	500 V
Insulation resistance	> 200 MOHM x km at + 20°C
Conductor resistance	max. 400,0 Ohm/km

Packaging

2 - 8 x 0,05 qmm: spools à 250m; 12/16 x 0,05 qmm / 2 - 16 x 0,10 qmm: spools à 100m

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

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