



✓ installation ✓ mobile ✓ RoHS ✓ REACH ✓ CE

LifYDY 12 x 0,10 qmm

shielded, extremely flexible

Order-No. 341201000

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. 5,70 mm
weight	49,0 kg/km
Cu-weight	22,2 kg/km
skinning tool (jacket)	40026
skinning tool (core)	20300 / 30160

Construction / data

Conductor	finest bare stranded copper wire
Structure of conductor	51 x 0,05 mm
Cross section	0,10 qmm
number of cores	12
Core insulation	PVC acc. to VDE 0207
Core 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	12 x 0,10 qmm

More information

Additional properties

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

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	300 V
Testing voltage	900 V
Insulation resistance	> 200 MOHM x km at + 20°C
Conductor resistance	max. 200,0 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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