



✓ installation ✓ mobile ✓ RoHS ✓ REACH ✓ CE

LifYY 5 x 0,25 qmm

PVC, extremely flexible

Order-No. 240502500

Application / Description

Maximum flexible control cable for measuring-, signal- and control purposes.
Preferably for applications in motion, without movement by compulsion and tensile load, inside dry, moistly and wetly rooms.
For permanently outside using not suitable.



Variant data

O.D.	approx. 4,80 mm
weight	35,1 kg/km
Cu-weight	12,9 kg/km
skinning tool (jacket)	20100
skinning tool (core)	20300 / 30900

Construction / data

Conductor	finest bare stranded copper wire
Structure of conductor	128 x 0,05 mm
Conductor dimension	0,25 qmm
Core-Ø	approx. 1,30 mm
number of cores	5
Core insulation	PVC acc. to VDE 0207
Core colour sequence	DIN 47100
Twisting	cores in layers
Outer jacket	PVC acc. to VDE 0207
Outer jacket colour	black, sim. RAL 9005
Dimension	5 x 0,25 qmm

Technical characteristics

Temperature range	static: -20 °C to +70 °C dynamic: -5 °C to +70 °C
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Bending radius static	> 8 x O.D.
Bending radius dynamic	> 12 x O.D.
Operating voltage	500 V
Testing voltage	1.200 V
Insulation resistance	> 200 MOHM x km at + 20°C

Packaging

Rings at 100m, Reels

Lower and upper lengths according to availability. Special packaging on request.

Add-on information

By using finest stranding copper wire and a jacket by special PVC, this highflexible control line is very plasticised and elastic.

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