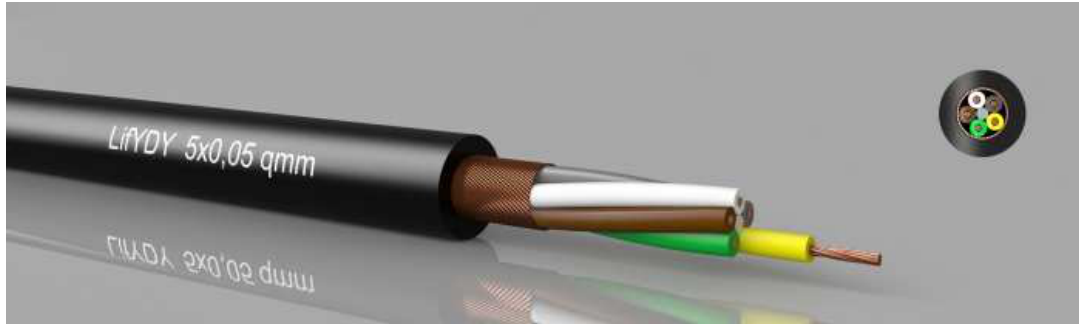


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## Miniatur-Steuerleitungen LifYDY, shielded, extremely flexible



### Application:

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.

### Construction:

Conductor:	finest, bare stranded copper wire
Structure of conductor:	0,05 qmm: 26 x 0,05mm 0,10 qmm: 51 x 0,05mm
Core insulation:	PVC acc. to VDE 0207
Color sequence:	DIN 47100
Twisting:	cores in layers
Shield:	bare copper spiral shield
Jacket:	S-PVC acc. to VDE 0207, black sim. RAL 9005

### Technical characteristics:

Operating voltage:	0,05qmm: 100V 0,10qmm: 300V
Testing voltage:	0,05qmm: 500V 0,10qmm: 900 V
Insulation resistance:	min. 200M $\Omega$ x km at + 20°C
Conductor resistance:	0,05qmm: 400 $\Omega$ /km 0,10qmm: 200 $\Omega$ /km
Temperature range:	static: -20°C to +70°C dynamic: -5°C to +70°C
Bending radius:	10x O.D.

### Packaging:

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

## Product range

LifYDY, shielded, extremely flexible

Order no.	dimension	O.D.	weight	co.-weight	skinning tool (jacket)	skinning tool (core)
	(qmm)	(ca. mm)	(kg/km)	(kg/km)		
	2x0,05	2,7	10	3,9	20100	40026
	3x0,05	2,8	12	4,7	20310	40026
	4x0,05	3,0	13	5,5	20310	40026
	5x0,05	3,2	15	6,4	20310	40026
<b>PLU030441</b>	7x0,05	3,4	18	8,5	20310	40026
	8x0,05	3,7	20	8,7	20310	40026
	12x0,05	4,5	27	13,9	20300 / 30161	40026
	16x0,05	4,8	40	18,1	20300 / 30161	40026
	2x0,10	3,6	19	7,8	20310	40026
	3x0,10	3,7	21	9,2	20310	40026
	4x0,10	4,0	25	11,4	20310	40026
	5x0,10	4,3	29	13,6	20310	40026
	7x0,10	4,6	34	15,2	20310 / 30161	40026
	8x0,10	4,9	37	17,0	20310 / 30161	40026
	12x0,10	5,7	49	22,2	20300 / 30160	40026
	16x0,10	6,3	60	27,2	20300 / 30160	40026