



Data cables - LIYCY twisted pair  
flexible switch and control cable, coloured cores to DIN VDE 47100



### Technical attributes

standard designations	according to DIN VDE 0812, 0814
conductor material	copper
types of conductors	cable blanc, fine stranded
conductor AWG	DIN VDE 0295
conductor category	5
core insulation	PVC
wire type	strands that are wrapped
wire colour	with DIN 47100
sheath materia	PVC
sheath color	grey
temperature range moving min.	-5 °C
temperature range max.	80 °C
temperature range resting min.	-40 °C
temperature range resting	80 °C
Operating voltage	350 V
Nominal voltage U0/U	0,14 mm <sup>2</sup> = 350, ≥ 0,25 mm <sup>2</sup> = 500 V
test voltage	wire/wire = 1200, wire/umbrella = 800 V
shield	Copper braid tinned
oil resistant	largely
RoHS conformal	Yes

### Description

Flexible data transmission, control and interconnecting cable for measuring, control and regulation technology, intercom systems, machine, tool and equipment manufacturing and electronics, especially where small dimensions are required. For use in dry and wet rooms but not outdoors or in the ground.

### Note

flexible switch and control cable, coloured cores to DIN VDE 47100

## Product table

product number	product name	weight/1000m appr. [kg]	metal weight Cu [kg]	diameter appr. [mm]	sheath color
01103001	LIYCY 2 x 2 x 0,14	34,00	18,50	5,80	grey
01103002	LIYCY 3 x 2 x 0,14	43,00	23,00	6,20	grey
01103003	LIYCY 4 x 2 x 0,14	50,00	32,00	6,80	grey
01103004	LIYCY 5 x 2 x 0,14	70,00	37,00	7,70	grey
01103005	LIYCY 6 x 2 x 0,14	81,00	51,00	7,90	grey
01103007	LIYCY 7 x 2 x 0,14	84,00	58,10	7,90	grey
01103009	LIYCY 8 x 2 x 0,14	93,00	62,00	8,60	grey
01103010	LIYCY 10 x 2 x 0,14	115,00	71,00	9,50	grey
01103011	LIYCY 12 x 2 x 0,14	125,00	78,00	9,50	grey
01103013	LIYCY 14 x 2 x 0,14	130,00	106,00	10,50	grey
01103014	LIYCY 16 x 2 x 0,14	148,00	119,00	11,20	grey
01103015	LIYCY 18 x 2 x 0,14	177,00	128,00	11,40	grey
01103016	LIYCY 20 x 2 x 0,14	193,00	138,00	11,60	grey
01103017	LIYCY 24 x 2 x 0,14	212,00	158,00	13,30	grey



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01103018	LIYCY 25 x 2 x 0,14	220,00	162,00	13,40	grey
01103019	LIYCY 26 x 2 x 0,14	230,00	167,00	13,40	grey
01103020	LIYCY 30 x 2 x 0,14	285,00	187,00	14,00	grey
01103021	LIYCY 32 x 2 x 0,14	303,00	198,00	14,40	grey
01103022	LIYCY 36 x 2 x 0,14	317,00	204,00	14,90	grey
01103023	LIYCY 40 x 2 x 0,14	348,00	212,00	16,10	grey
01103024	LIYCY 44 x 2 x 0,14	381,00	227,00	17,20	grey
01103025	LIYCY 50 x 2 x 0,14	388,00	258,00	17,60	grey
01103026	LIYCY 52 x 2 x 0,14	408,00	278,00	18,40	grey
01103027	LIYCY 55 x 2 x 0,14	428,00	310,00	18,80	grey
01103028	LIYCY 2 x 2 x 0,25	46,00	30,00	5,70	grey
01103029	LIYCY 3 x 2 x 0,25	64,00	40,00	6,60	grey
01103030	LIYCY 4 x 2 x 0,25	73,00	45,00	7,50	grey
01103107	LIYCY 5 x 2 x 0,25	88,00	50,00	8,20	grey
01103108	LIYCY 6 x 2 x 0,25	98,00	68,00	9,10	grey
01103109	LIYCY 7 x 2 x 0,25	108,00	72,00	9,30	grey
01103031	LIYCY 8 x 2 x 0,25	118,00	84,00	9,40	grey
01103032	LIYCY 10 x 2 x 0,25	165,00	110,00	11,40	grey
01103033	LIYCY 12 x 2 x 0,25	190,00	121,00	12,10	grey
01103034	LIYCY 14 x 2 x 0,25	198,00	132,00	12,80	grey
01103035	LIYCY 16 x 2 x 0,25	214,00	147,00	13,40	grey
01103036	LIYCY 18 x 2 x 0,25	241,00	158,00	14,30	grey
01103037	LIYCY 20 x 2 x 0,25	263,00	172,00	14,80	grey
01103038	LIYCY 24 x 2 x 0,25	313,00	230,00	15,20	grey
01103039	LIYCY 25 x 2 x 0,25	323,00	238,00	16,30	grey
01103040	LIYCY 30 x 2 x 0,25	362,00	289,00	18,20	grey
01103041	LIYCY 32 x 2 x 0,25	290,00	298,00	19,10	grey
01103042	LIYCY 40 x 2 x 0,25	515,00	321,00	20,60	grey
01103043	LIYCY 50 x 2 x 0,25	648,00	392,00	22,50	grey
01103069	LIYCY 2 x 2 x 0,34	64,00	37,00	6,00	grey
01103044	LIYCY 3 x 2 x 0,34	78,00	46,00	8,10	grey
01103045	LIYCY 4 x 2 x 0,34	90,00	61,00	8,20	grey
01103046	LIYCY 5 x 2 x 0,34	110,00	66,00	8,50	grey
01103047	LIYCY 6 x 2 x 0,34	130,00	78,00	9,60	grey
01103048	LIYCY 7 x 2 x 0,34	145,00	86,00	9,90	grey



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01103049	LIYCY 8 x 2 x 0,34	150,00	97,00	10,50	grey
01103050	LIYCY 10 x 2 x 0,34	190,00	131,00	11,50	grey
01103051	LIYCY 12 x 2 x 0,34	220,00	148,00	12,80	grey
01103052	LIYCY 14 x 2 x 0,34	245,00	159,00	13,20	grey
01103053	LIYCY 16 x 2 x 0,34	250,00	191,00	13,70	grey
01103054	LIYCY 18 x 2 x 0,34	275,00	193,00	14,90	grey
01103055	LIYCY 20 x 2 x 0,34	290,00	236,00	15,40	grey
01103056	LIYCY 24 x 2 x 0,34	380,00	270,00	16,80	grey
01103057	LIYCY 25 x 2 x 0,34	400,00	279,00	17,30	grey
01103058	LIYCY 30 x 2 x 0,34	440,00	316,00	21,00	grey
01103059	LIYCY 32 x 2 x 0,34	490,00	336,00	21,70	grey
01103060	LIYCY 40 x 2 x 0,34	590,00	428,00	24,20	grey
01103061	LIYCY 50 x 2 x 0,34	650,00	517,00	27,30	grey
01103062	LIYCY 2 x 2 x 0,5	74,00	54,00	8,30	grey
01103063	LIYCY 3 x 2 x 0,5	98,00	70,00	8,80	grey
01103064	LIYCY 4 x 2 x 0,5	118,00	91,00	9,50	grey
01103065	LIYCY 5 x 2 x 0,5	155,00	105,00	10,80	grey
01103066	LIYCY 6 x 2 x 0,5	162,00	120,00	11,30	grey
01103067	LIYCY 7 x 2 x 0,5	178,00	128,00	11,80	grey
01103068	LIYCY 8 x 2 x 0,5	190,00	144,00	12,30	grey
01103070	LIYCY 10 x 2 x 0,5	256,00	178,00	13,80	grey
01103071	LIYCY 12 x 2 x 0,5	291,00	199,00	15,10	grey
01103072	LIYCY 14 x 2 x 0,5	331,00	210,00	15,80	grey
01103073	LIYCY 16 x 2 x 0,5	364,00	251,00	16,70	grey
01103074	LIYCY 18 x 2 x 0,5	404,00	280,00	17,20	grey
01103075	LIYCY 20 x 2 x 0,5	463,00	302,00	17,90	grey
01103076	LIYCY 24 x 2 x 0,5	556,00	360,00	21,10	grey
01103077	LIYCY 25 x 2 x 0,5	596,00	374,00	21,80	grey
01103082	LIYCY 2 x 2 x 0,75	105,00	67,00	9,00	grey
01103083	LIYCY 3 x 2 x 0,75	130,00	84,00	10,00	grey
01103085	LIYCY 4 x 2 x 0,75	148,00	115,00	10,40	grey
01103087	LIYCY 5 x 2 x 0,75	185,00	126,00	12,30	grey
01103088	LIYCY 6 x 2 x 0,75	224,00	146,00	12,80	grey
01103084	LIYCY 7 x 2 x 0,75	247,00	168,00	13,30	grey
01103086	LIYCY 8 x 2 x 0,75	276,00	180,00	13,80	grey



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01103089	LIYCY 10 x 2 x 0,75	343,00	220,00	16,30	grey
01103090	LIYCY 12 x 2 x 0,75	384,00	261,00	17,00	grey
01103091	LIYCY 14 x 2 x 0,75	442,00	294,00	18,10	grey
01103092	LIYCY 16 x 2 x 0,75	503,00	328,00	19,00	grey
01103093	LIYCY 18 x 2 x 0,75	554,00	390,00	19,90	grey
01103094	LIYCY 20 x 2 x 0,75	615,00	420,00	21,00	grey
01103095	LIYCY 24 x 2 x 0,75	732,00	480,00	23,60	grey
01103096	LIYCY 25 x 2 x 0,75	802,00	525,00	24,30	grey
01103101	LIYCY 2 x 2 x 1	135,00	84,00	10,50	grey
01103102	LIYCY 3 x 2 x 1	160,00	103,00	10,60	grey
01103103	LIYCY 4 x 2 x 1	197,00	132,00	11,00	grey
01103104	LIYCY 5 x 2 x 1	253,00	161,00	12,00	grey

