



Data cables - LIYCY (EMC-type)
flexible switch and control cables acc. to DIN VDE 47100



Technical attributes

Standards	according to DIN VDE 0812, 0245
Conductor material	Cu, bare
Conductor type	cable blanc, fine stranded
Conductor standard	DIN VDE 0295
Conductor category	5
Core insulation	PVC
Core structure	stranded
Core colours	DIN 47100
Outer sheath	PVC
Outer sheath colour	grey
Temperature range min., mobile operation	-5 °C
Temperature range max., mobile operation	+80 °C
Temperature range min., fixed installation	-40 °C
Temperature range max., fixed installation	+80 °C
Operating voltage	350 V
Nominal voltage U ₀ /U	0,14 mm ² = 350, ≥ 0,25 mm ² = 500 V
Test voltage	Core/core = 1200, core/screen = 800 V
Screening	Cu-braiding, tinned
oil-resistant	extensively
RoHS-compliant	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

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Product table

product number	product name	{Gewicht ca. } [kg]	Cu-weight [kg_km]	Outer-Ø ca. [mm]	Outer sheath colour
01102003	LIYCY 2 x 0,14	16.00	12,60	3,80	grey
01102004	LIYCY 3 x 0,14	20.00	14,10	3,90	grey
01102006	LIYCY 4 x 0,14	24.00	15,90	4,20	grey
01102001	LIYCY 5 x 0,14	27.00	19,50	4,50	grey
01102007	LIYCY 6 x 0,14	32.00	22,00	4,90	grey
01102008	LIYCY 7 x 0,14	34.00	24,00	4,90	grey
01102009	LIYCY 8 x 0,14	38.00	26,00	5,20	grey
01102012	LIYCY 10 x 0,14	47.00	29,00	5,90	grey
01102014	LIYCY 12 x 0,14	52.00	32,00	6,10	grey



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01102015	LIYCY 14 x 0,14	58,00	35,00	6,50	grey
01102016	LIYCY 16 x 0,14	66,00	49,00	6,90	grey
01102017	LIYCY 18 x 0,14	92,00	54,00	7,60	grey
01102018	LIYCY 20 x 0,14	104,00	58,00	7,70	grey
01102019	LIYCY 21 x 0,14	108,00	60,00	7,70	grey
01102020	LIYCY 24 x 0,14	94,00	74,00	8,60	grey
01102021	LIYCY 25 x 0,14	96,00	85,00	8,60	grey
01102022	LIYCY 27 x 0,14	126,00	85,00	8,70	grey
01102023	LIYCY 30 x 0,14	138,00	98,00	9,00	grey
01102024	LIYCY 32 x 0,14	142,00	108,00	9,30	grey
01102025	LIYCY 36 x 0,14	157,00	117,00	9,60	grey
01102026	LIYCY 40 x 0,14	142,00	126,00	9,90	grey
01102027	LIYCY 42 x 0,14	173,00	132,00	10,60	grey
01102028	LIYCY 44 x 0,14	182,00	138,00	10,60	grey
01102029	LIYCY 48 x 0,14	196,00	145,00	10,80	grey
01102031	LIYCY 52 x 0,14	210,00	155,00	11,10	grey
01102032	LIYCY 56 x 0,14	221,00	166,00	11,50	grey
01102033	LIYCY 61 x 0,14	267,00	176,00	11,90	grey
01102034	LIYCY 1 x 0,25	27,00	8,00	3,00	grey
01102035	LIYCY 2 x 0,25	21,00	17,20	4,50	grey
01102036	LIYCY 3 x 0,25	25,00	20,20	4,70	grey
01102220	LIYCY 3 x 0,25 RAL 7032 gy	25,00	20,20	4,70	RAL 7032 grey
01102038	LIYCY 4 x 0,25	31,00	24,00	5,10	grey
01102041	LIYCY 5 x 0,25	36,00	29,00	5,40	grey
01102042	LIYCY 6 x 0,25	43,00	32,50	5,90	grey
01102043	LIYCY 7 x 0,25	60,00	35,00	5,90	grey
01102219	LIYCY 7 x 0,25 RAL 7032 gy	60,00	35,00	5,90	RAL 7032 grey
01102044	LIYCY 8 x 0,25	51,00	42,10	6,60	grey
01102045	LIYCY 10 x 0,25	64,00	54,00	7,60	grey
01102046	LIYCY 12 x 0,25	72,00	59,40	7,80	grey
01102047	LIYCY 14 x 0,25	82,00	64,60	8,20	grey
01102049	LIYCY 16 x 0,25	91,00	80,40	8,70	grey
01102050	LIYCY 18 x 0,25	100,00	95,70	9,40	grey



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01102051	LIYCY 20 x 0,25	152,00	105,00	9,40	grey
01102052	LIYCY 21 x 0,25	114,00	113,40	9,50	grey
01102053	LIYCY 24 x 0,25	163,00	135,80	10,40	grey
01102054	LIYCY 25 x 0,25	134,00	114,00	9,10	grey
01102055	LIYCY 27 x 0,25	176,00	143,80	10,60	grey
01102056	LIYCY 28 x 0,25	178,00	154,00	10,80	grey
01102057	LIYCY 30 x 0,25	189,00	157,00	11,00	grey
01102058	LIYCY 32 x 0,25	203,00	174,20	11,30	grey
01102059	LIYCY 36 x 0,25	219,00	186,40	11,70	grey
01102060	LIYCY 40 x 0,25	247,00	201,10	12,60	grey
01102061	LIYCY 42 x 0,25	269,00	211,40	13,50	grey
01102062	LIYCY 44 x 0,25	292,00	220,70	13,50	grey
01102063	LIYCY 48 x 0,25	310,00	242,30	13,70	grey
01102064	LIYCY 50 x 0,25	318,00	248,10	13,90	grey
01102065	LIYCY 52 x 0,25	330,00	252,00	14,10	grey
01102066	LIYCY 56 x 0,25	343,00	259,00	14,40	grey
01102067	LIYCY 61 x 0,25	365,00	287,00	14,80	grey
01102068	LIYCY 2 x 0,34	27,00	17,00	4,80	grey
01102070	LIYCY 3 x 0,34	33,00	27,00	5,00	grey
01102072	LIYCY 4 x 0,34	39,00	30,00	5,50	grey
01102073	LIYCY 5 x 0,34	47,00	31,00	6,20	grey
01102074	LIYCY 6 x 0,34	54,00	45,00	6,50	grey
01102075	LIYCY 7 x 0,34	58,00	51,00	7,10	grey
01102076	LIYCY 8 x 0,34	67,00	54,00	7,40	grey
01102077	LIYCY 10 x 0,34	84,00	74,00	8,40	grey
01102078	LIYCY 12 x 0,34	94,00	70,00	8,60	grey
01102079	LIYCY 14 x 0,34	106,00	78,00	9,20	grey
01102080	LIYCY 16 x 0,34	120,00	87,00	9,50	grey
01102081	LIYCY 18 x 0,34	132,00	108,00	10,10	grey
01102082	LIYCY 20 x 0,34	146,00	124,00	10,30	grey
01102083	LIYCY 21 x 0,34	196,00	127,00	10,60	grey
01102084	LIYCY 24 x 0,34	229,00	140,00	11,60	grey
01102085	LIYCY 25 x 0,34	180,00	144,00	11,70	grey



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01102086	LIYCY 27 x 0,34	235,00	151,00	11,80	grey
01102087	LIYCY 28 x 0,34	250,00	154,00	12,20	grey
01102088	LIYCY 30 x 0,34	260,00	162,00	12,70	grey
01102089	LIYCY 32 x 0,34	221,00	171,00	13,00	grey
01102090	LIYCY 36 x 0,34	295,00	188,00	13,40	grey
01102091	LIYCY 40 x 0,34	330,00	208,00	14,00	grey
01102092	LIYCY 42 x 0,34	353,00	215,00	15,10	grey
01102093	LIYCY 44 x 0,34	360,00	223,00	15,10	grey
01102094	LIYCY 48 x 0,34	386,00	243,00	15,90	grey
01102095	LIYCY 52 x 0,34	410,00	273,00	16,20	grey
01102096	LIYCY 56 x 0,34	435,00	292,00	16,40	grey
01102097	LIYCY 61 x 0,34	455,00	316,00	16,60	grey
01102098	LIYCY 1 x 0,5	37,00	15,00	3,60	grey
01102099	LIYCY 2 x 0,5	45,00	36,00	5,90	grey
01102100	LIYCY 3 x 0,5	55,00	43,00	6,20	grey
01102102	LIYCY 4 x 0,5	51,00	49,00	6,60	grey
01102103	LIYCY 5 x 0,5	62,00	57,00	7,10	grey
01102218	LIYCY 5 x 0,5 RAL 7032 gy	62,00	57,00	7,10	RAL 7032 grey
01102104	LIYCY 6 x 0,5	72,00	66,00	7,60	grey
01102178	LIYCY 7 x 0,5	78,00	69,00	7,80	grey
01102105	LIYCY 8 x 0,5	89,00	82,00	8,10	grey
01102107	LIYCY 10 x 0,5	112,00	93,00	9,30	grey
01102108	LIYCY 12 x 0,5	127,00	107,00	9,60	grey
01102109	LIYCY 16 x 0,5	163,00	129,00	10,50	grey
01102110	LIYCY 18 x 0,5	180,00	152,00	11,00	grey
01102111	LIYCY 20 x 0,5	199,00	173,00	11,00	grey
01102112	LIYCY 21 x 0,5	228,00	185,00	11,90	grey
01102113	LIYCY 24 x 0,5	239,00	236,00	13,30	grey
01102114	LIYCY 25 x 0,5	310,00	250,00	14,20	grey
01102115	LIYCY 27 x 0,5	318,00	265,00	14,00	grey
01102116	LIYCY 30 x 0,5	350,00	297,00	14,10	grey
01102117	LIYCY 32 x 0,5	341,00	285,00	14,40	grey
01102197	LIYCY 40 x 0,5	470,00	345,00	15,50	grey



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01102118	LIYCY 42 x 0,5	490,00	298,00	17,30	grey
01102119	LIYCY 50 x 0,5	555,00	408,00	18,50	grey
01102124	LIYCY 1 x 0,75	41,00	18,00	3,70	grey
01102120	LIYCY 2 x 0,75	50,00	43,00	5,90	grey
01102121	LIYCY 3 x 0,75	53,00	52,00	6,20	grey
01102217	LIYCY 3 x 0,75 RAL 7032 gy	53,00	52,00	6,20	RAL 7032 grey
01102122	LIYCY 4 x 0,75	66,00	61,00	7,10	grey
01102125	LIYCY 5 x 0,75	79,00	72,00	7,70	grey
01102126	LIYCY 6 x 0,75	93,00	85,00	8,30	grey
01102127	LIYCY 7 x 0,75	102,00	100,00	8,60	grey
01102128	LIYCY 8 x 0,75	117,00	115,00	8,80	grey
01102129	LIYCY 10 x 0,75	148,00	131,00	10,00	grey
01102130	LIYCY 12 x 0,75	168,00	154,00	10,50	grey
01102131	LIYCY 16 x 0,75	249,00	183,00	12,00	grey
01102132	LIYCY 18 x 0,75	240,00	211,00	12,50	grey
01102133	LIYCY 20 x 0,75	266,00	238,00	12,90	grey
01102179	LIYCY 24 x 0,75	349,00	270,00	14,80	grey
01102135	LIYCY 25 x 0,75	328,00	285,00	14,80	grey
01102136	LIYCY 27 x 0,75	420,00	299,00	15,00	grey
01102137	LIYCY 32 x 0,75	445,00	330,00	15,90	grey
01102138	LIYCY 34 x 0,75	498,00	350,00	17,80	grey
01102139	LIYCY 42 x 0,75	680,00	440,00	20,00	grey
01102140	LIYCY 50 x 0,75	810,00	480,00	21,90	grey
01102141	LIYCY 1 x 1	42,00	23,00	5,00	grey
01102142	LIYCY 2 x 1	74,00	51,00	7,40	grey
01102143	LIYCY 3 x 1	89,00	70,00	7,90	grey
01102144	LIYCY 4 x 1	107,00	80,00	8,70	grey
01102145	LIYCY 5 x 1	96,00	95,00	9,20	grey
01102146	LIYCY 6 x 1	113,00	108,50	10,00	grey
01102147	LIYCY 7 x 1	124,00	120,00	10,00	grey
01102148	LIYCY 8 x 1	141,00	130,00	11,20	grey
01102149	LIYCY 9 x 1	186,00	148,00	12,10	grey
01102150	LIYCY 10 x 1	180,00	165,00	13,50	grey



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01102151	LIYCY 12 x 1	205,00	185,00	13,30	grey
01102152	LIYCY 16 x 1	264,00	225,00	15,50	grey
01102153	LIYCY 18 x 1	294,00	268,00	16,00	grey
01102154	LIYCY 20 x 1	399,00	290,00	16,20	grey
01102156	LIYCY 25 x 1	402,00	354,00	18,90	grey
01102157	LIYCY 32 x 1	570,00	430,00	20,00	grey
01102158	LIYCY 34 x 1	630,00	450,00	2,00	grey
01102159	LIYCY 42 x 1	796,00	533,00	24,00	grey
01102160	LIYCY 50 x 1	923,00	625,00	25,00	grey
01102161	LIYCY 1 x 1,5	48,00	29,00	5,30	grey
01102162	LIYCY 2 x 1,5	70,00	65,00	8,00	grey
01102163	LIYCY 3 x 1,5	92,00	90,00	8,50	grey
01102164	LIYCY 4 x 1,5	116,00	110,00	9,20	grey
01102165	LIYCY 5 x 1,5	140,00	125,00	10,00	grey
01102166	LIYCY 6 x 1,5	166,00	154,00	10,80	grey
01102167	LIYCY 7 x 1,5	184,00	159,00	10,80	grey
01102168	LIYCY 8 x 1,5	211,00	175,00	12,30	grey
01102169	LIYCY 10 x 1,5	267,00	210,00	14,10	grey
01102170	LIYCY 12 x 1,5	308,00	268,00	15,00	grey
01102171	LIYCY 16 x 1,5	420,00	315,00	16,00	grey
01102172	LIYCY 18 x 1,5	450,00	373,00	16,80	grey
01102173	LIYCY 20 x 1,5	500,00	385,00	17,80	grey
01102174	LIYCY 25 x 1,5	618,00	530,00	20,60	grey
01102175	LIYCY 32 x 1,5	772,00	670,00	22,20	grey
01102176	LIYCY 42 x 1,5	1020,00	780,00	26,20	grey
01102177	LIYCY 50 x 1,5	1210,00	885,00	27,50	grey