



Data cables - LIYY
flexible switch and control cables acc. to DIN VDE 47100



Technical attributes

Standards	{In Anlehnung DIN VDE 0245, 0250, 0280}
Conductor material	Cu, bare
Conductor type	cabl 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
Nominal voltage U ₀ /U	0,14 mm ² = 350, ≥ 0,25 mm ² = 500 V
Test voltage	0,25 = 1200, ≥ 0,34 mm ² = 2000 V
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

flexible switch and control cables acc. to DIN VDE 47100

Product table

product number	product name	Weight ca. [kg]	Cu-weight [per_km]	Outer-Ø ca. [mm]	Outer sheath colour
01101001	LIYY 2 x 0,14	12,00	2,70	3,30	grey
01101002	LIYY 3 x 0,14	15,00	4,00	3,40	grey
01101007	LIYY 4 x 0,14	17,00	5,40	3,70	grey
01101003	LIYY 5 x 0,14	22,00	6,70	4,00	grey
01101010	LIYY 6 x 0,14	25,00	8,10	4,40	grey
01101012	LIYY 7 x 0,14	26,00	9,40	4,40	grey
01101014	LIYY 8 x 0,14	29,00	10,80	4,70	grey
01101016	LIYY 10 x 0,14	35,00	13,40	5,40	grey
01101018	LIYY 12 x 0,14	43,00	16,10	5,60	grey
01101020	LIYY 14 x 0,14	48,00	18,80	6,00	grey



Data cables - LIYY
flexible switch and control cables acc. to DIN VDE 47100

product number	product name	Weight ca. [kg]	Cu-weight [per_km]	Outer-Ø ca. [mm]	Outer sheath colour
01101022	LIYY 16 x 0,14	52,00	21,50	6,30	grey
01101024	LIYY 18 x 0,14	65,00	24,20	7,00	grey
01101026	LIYY 20 x 0,14	70,00	26,90	7,50	grey
01101028	LIYY 21 x 0,14	77,00	28,20	7,60	grey
01101030	LIYY 24 x 0,14	87,00	32,30	8,00	grey
01101177	LIYY 25 x 0,14	91,00	33,60	7,60	grey
01101032	LIYY 27 x 0,14	97,00	36,30	8,10	grey
01101034	LIYY 30 x 0,14	106,00	40,30	8,40	grey
01101036	LIYY 32 x 0,14	112,00	43,00	8,70	grey
01101038	LIYY 36 x 0,14	120,00	48,40	9,00	grey
01101041	LIYY 40 x 0,14	132,00	54,00	9,30	grey
01101043	LIYY 44 x 0,14	145,00	59,00	10,00	grey
01101045	LIYY 48 x 0,14	161,00	65,00	10,70	grey
01101047	LIYY 52 x 0,14	173,00	70,00	11,00	grey
01101049	LIYY 56 x 0,14	187,00	75,00	11,20	grey
01101050	LIYY 61 x 0,14	204,00	82,00	11,50	grey
01101051	LIYY 2 x 0,25	17,00	4,80	3,80	grey
01101052	LIYY 3 x 0,25	21,00	7,20	4,00	grey
01101054	LIYY 4 x 0,25	26,00	9,60	4,60	grey
01101056	LIYY 5 x 0,25	30,00	12,00	4,90	grey
01101058	LIYY 6 x 0,25	36,00	14,40	5,40	grey
01101060	LIYY 7 x 0,25	39,00	16,80	5,40	grey
01101062	LIYY 8 x 0,25	44,00	19,20	6,10	grey
01101064	LIYY 10 x 0,25	54,00	24,00	7,00	grey
01101066	LIYY 12 x 0,25	63,00	28,80	7,20	grey
01101068	LIYY 14 x 0,25	75,00	33,60	7,90	grey
01101070	LIYY 16 x 0,25	84,00	38,40	8,10	grey
01101072	LIYY 18 x 0,25	72,00	43,20	8,80	grey
01101074	LIYY 20 x 0,25	101,00	48,00	9,10	grey
01101075	LIYY 21 x 0,25	107,00	50,00	9,60	grey
01101077	LIYY 24 x 0,25	120,00	58,00	9,80	grey
01101079	LIYY 25 x 0,25	130,00	65,00	9,80	grey
01101081	LIYY 27 x 0,25	140,00	72,00	10,00	grey



Data cables - LIYY
flexible switch and control cables acc. to DIN VDE 47100

product number	product name	Weight ca. [kg]	Cu-weight [per_km]	Outer-Ø ca. [mm]	Outer sheath colour
01101083	LIYY 30 x 0,25	156,00	77,00	10,40	grey
01101085	LIYY 32 x 0,25	156,00	86,00	11,10	grey
01101087	LIYY 36 x 0,25	182,00	96,00	11,30	grey
01101089	LIYY 40 x 0,25	190,00	106,00	11,80	grey
01101091	LIYY 44 x 0,25	225,00	115,00	12,00	grey
01101093	LIYY 48 x 0,25	245,00	125,00	12,20	grey
01101096	LIYY 52 x 0,25	263,00	134,00	12,90	grey
01101098	LIYY 56 x 0,25	280,00	146,40	14,40	grey
01101101	LIYY 61 x 0,25	305,00	158,00	14,90	grey
01101103	LIYY 2 x 0,34	20,00	6,50	4,30	grey
01101104	LIYY 3 x 0,34	25,00	9,80	4,50	grey
01101105	LIYY 4 x 0,34	31,00	13,10	5,20	grey
01101106	LIYY 5 x 0,34	38,00	16,30	5,70	grey
01101107	LIYY 6 x 0,34	45,00	19,60	6,10	grey
01101108	LIYY 7 x 0,34	48,00	22,80	6,10	grey
01101109	LIYY 8 x 0,34	54,00	26,10	6,60	grey
01101110	LIYY 10 x 0,34	66,00	32,60	7,60	grey
01101111	LIYY 12 x 0,34	77,00	39,20	8,20	grey
01101112	LIYY 14 x 0,34	101,00	45,70	8,40	grey
01101113	LIYY 16 x 0,34	114,00	52,20	8,90	grey
01101114	LIYY 18 x 0,34	135,00	59,00	9,50	grey
01101115	LIYY 20 x 0,34	135,00	59,00	9,50	grey
01101116	LIYY 21 x 0,34	151,00	69,00	10,20	grey
01101117	LIYY 24 x 0,34	171,00	78,30	11,00	grey
01101119	LIYY 27 x 0,34	188,00	88,10	11,90	grey
01101120	LIYY 30 x 0,34	207,00	98,00	12,00	grey
01101121	LIYY 32 x 0,34	193,00	104,40	12,30	grey
01101122	LIYY 36 x 0,34	244,00	117,50	12,70	grey
01101123	LIYY 40 x 0,34	266,00	131,00	13,30	grey
01101124	LIYY 44 x 0,34	292,00	144,00	14,40	grey
01101125	LIYY 48 x 0,34	315,00	157,00	14,60	grey
01101126	LIYY 52 x 0,34	337,00	170,00	15,00	grey
01101127	LIYY 56 x 0,34	360,00	183,00	15,50	grey



Data cables - LIYY
flexible switch and control cables acc. to DIN VDE 47100

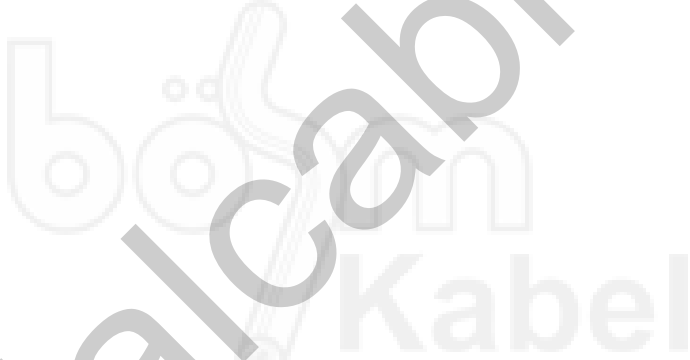
product number	product name	Weight ca. [kg]	Cu-weight [per_km]	Outer-Ø ca. [mm]	Outer sheath colour
01101128	LIYY 61 x 0,34	392,00	199,10	15,90	grey
01101129	LIYY 2 x 0,5	25,00	9,60	4,90	grey
01101130	LIYY 3 x 0,5	33,00	14,40	5,30	grey
01101131	LIYY 4 x 0,5	42,00	19,20	6,00	grey
01101132	LIYY 5 x 0,5	49,00	24,00	6,50	grey
01101134	LIYY 7 x 0,5	65,00	34,00	7,00	grey
01101135	LIYY 8 x 0,5	74,00	38,00	8,00	grey
01101136	LIYY 10 x 0,5	95,00	48,00	9,20	grey
01101137	LIYY 12 x 0,5	110,00	58,00	9,50	grey
01101138	LIYY 16 x 0,5	143,00	77,00	10,50	grey
01101139	LIYY 20 x 0,5	173,00	96,00	11,50	grey
01101140	LIYY 24 x 0,5	250,00	115,20	13,00	grey
01101141	LIYY 25 x 0,5	255,00	120,00	13,20	grey
01101142	LIYY 30 x 0,5	275,00	144,00	14,10	grey
01101143	LIYY 32 x 0,5	261,00	153,60	14,40	grey
01101144	LIYY 40 x 0,5	345,00	192,00	16,00	grey
01101165	LIYY 2 x 0,75	32,00	14,40	grey	5,00
01101145	LIYY 3 x 0,75	42,00	21,60	5,50	grey
01101146	LIYY 4 x 0,75	53,00	29,00	6,20	grey
01101147	LIYY 5 x 0,75	80,00	36,00	6,80	grey
01101148	LIYY 6 x 0,75	90,00	43,20	7,10	grey
01101149	LIYY 7 x 0,75	110,00	50,00	7,70	grey
01101150	LIYY 8 x 0,75	125,00	58,00	8,30	grey
01101151	LIYY 10 x 0,75	148,00	72,00	9,60	grey
01101152	LIYY 12 x 0,75	176,00	86,00	10,30	grey
01101153	LIYY 16 x 0,75	220,00	115,00	11,50	grey
01101154	LIYY 20 x 0,75	276,00	144,00	12,50	grey
01101155	LIYY 2 x 1	38,00	19,20	5,80	grey
01101156	LIYY 3 x 1	51,00	29,00	6,20	grey
01101158	LIYY 4 x 1	81,00	38,00	6,80	grey
01101157	LIYY 5 x 1	90,00	48,00	7,60	grey
01101160	LIYY 2 x 1,5	52,00	29,00	6,90	grey
01101161	LIYY 3 x 1,5	70,00	43,00	7,30	grey



Data cables - LIYY
flexible switch and control cables acc. to DIN VDE 47100

product number	product name	Weight ca. [kg]	Cu-weight [per_km]	Outer-Ø ca. [mm]	Outer sheath colour
01101162	LIYY 4 x 1,5	1,00	58,00	8,00	grey

mardalacables.com

A large, light grey watermark is oriented diagonally across the page. It consists of the word "böhm" in a stylized font with a cable icon, and the word "Kabel" below it.