



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



Technical attributes

Standards	according to DIN VDE 0245, 0250 and 0281
Conductor material	Cu, bare
Conductor type	cable blanc, fine stranded
Conductor standard	with DIN VDE 0295
Conductor category	5
Core insulation	PVC
Core structure	DIN 47100
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	-30 °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	1200 0,25 = 1200, ≥ 0,34 mm ² = 2000 V
Insulation resistance	200 mind. MΩ x km
Bending radius	10 x cable-Ø
flame-resistant	according to IEC/EN 60332-1-2
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 [kg_km]	Outer-Ø ca. [mm]	Outer sheath colour
01117001	LIYY 1 x 2 x 0,14	20,00	2,70	4,00	grey
01117002	LIYY 2 x 2 x 0,14	24,00	5,40	5,00	grey
01117033	LIYY 2 x 2 x 0,14 RAL 7032	24,00	5,40	5,00	RAL 7032 grey
01117037	LIYY 2 x 2 x 0,14 wh	24,00	5,40	5,00	white
01117003	LIYY 3 x 2 x 0,14	29,00	8,00	5,50	grey
01117004	LIYY 4 x 2 x 0,14	41,00	10,70	6,00	grey
01117005	LIYY 5 x 2 x 0,14	43,00	13,40	6,00	grey
01117006	LIYY 5 x 2 x 0,14 bk	43,00	13,40	6,00	black
01117007	LIYY 6 x 2 x 0,14	56,00	16,10	6,60	grey



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

product number	product name	Weight ca. [kg]	Cu-weight [kg_km]	Outer-Ø ca. [mm]	Outer sheath colour
01117008	LIYY 7 x 2 x 0,14	60,00	21,50	7,20	grey
01117009	LIYY 8 x 2 x 0,14	62,00	21,50	7,50	grey
01117010	LIYY 10 x 2 x 0,14	76,00	26,90	8,00	grey
01117011	LIYY 12 x 2 x 0,14	89,00	32,30	8,50	grey
01117013	LIYY 12 x 2 x 0,14 bk	89,00	32,30	8,50	black
01117034	LIYY 12 x 2 x 0,14 RAL9010wh	89,00	32,30	8,50	RAL 9010 white
01117012	LIYY 14 x 2 x 0,14	98,00	37,60	9,50	grey
01117014	LIYY 16 x 2 x 0,14	112,00	43,00	10,00	grey
01117015	LIYY 18 x 2 x 0,14	119,00	48,40	10,50	grey
01117016	LIYY 20 x 2 x 0,14	134,00	54,00	11,00	grey
01117017	LIYY 22 x 2 x 0,14	154,00	59,00	11,40	grey
01117018	LIYY 24 x 2 x 0,14	162,00	65,00	11,60	grey
01117019	LIYY 25 x 2 x 0,14	173,00	67,00	12,00	grey
01117020	LIYY 26 x 2 x 0,14	178,00	70,00	12,70	grey
01117021	LIYY 28 x 2 x 0,14	184,00	76,00	12,80	grey
01117022	LIYY 30 x 2 x 0,14	199,00	81,00	13,00	grey
01117023	LIYY 32 x 2 x 0,14	221,00	86,00	13,20	grey
01117024	LIYY 36 x 2 x 0,14	232,00	97,00	14,00	grey
01117025	LIYY 38 x 2 x 0,14	244,00	102,00	14,60	grey
01117026	LIYY 40 x 2 x 0,14	257,00	108,00	14,80	grey
01117027	LIYY 46 x 2 x 0,14	294,00	124,00	16,00	grey
01117028	LIYY 50 x 2 x 0,14	342,00	134,00	16,50	grey
01117029	LIYY 52 x 2 x 0,14	359,00	140,00	17,00	grey
01117035	LIYY 6 x 2 x 0,25	80,00	28,80	8,00	grey
01117036	LIYY 8 x 2 x 0,25	98,00	40,00	9,40	grey
01117038	LIYY 10 x 2 x 0,25	114,00	50,00	9,70	grey
01117030	LIYY 2 x 2 x 0,5	72,00	19,20	8,10	grey
01117032	LIYY 4 x 2 x 0,5	115,00	38,40	8,70	grey
01117031	LIYY 4 x 4 x 0,5	152,00	76,80	15,50	grey