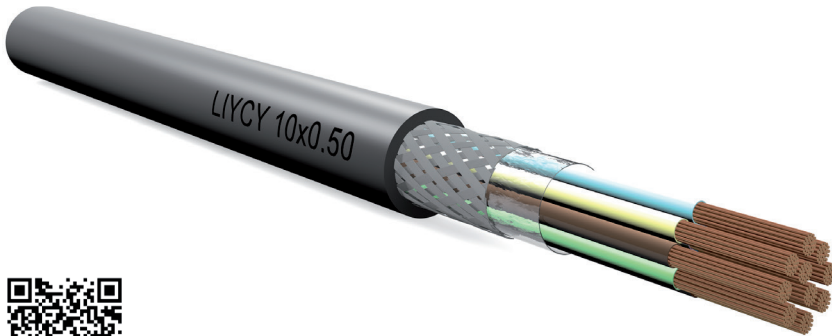


LIYCY

Screened electronic cable



APPLICATION

As a connection cable in the fields of control, measuring and signal technology, data processing and office technology. Its design makes it best suited for portable devices. The copper mesh offers optimum protection against external high-frequency influences. For dry, damp and wet rooms, as well as outdoor use in the case of fixed installation but not suitable for underground installation.

STRUCTURE

Conductor	Copper stranded wire, bare according to VDE 0812, cl. 5 = flexible stranding in layers
Cores	PVC, based on DIN VDE 47100
Stranding method	2 cores stranded into a pair, 4 pairs into a bundle – stranded in layers to the cable core, in the case of 2 pairs: stranded to a star quad, bundle wrapped in foil
Shield	Mesh made from tin-plated copper round wires with a tin-plated drain wire
Outer sheath	PVC

TECHNICAL DATA

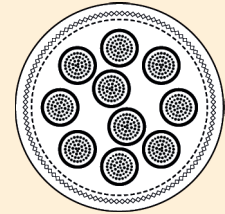
Nominal voltage	250 V
Test voltage	1200 V
Operating temperature	-30°C to +70°C
Max. operating temperature	+70°C
Min. installation temperature	-5°C
Max. installation temperature	+70°C
Min. bending radius	7.5 x cable diameter

TESTS ACCORDING TO DIN VDE 0472 AND IEC:

Flammability	Test method B according to VDE 0472 part 804 and IEC 332-1
PVC properties	Self extinguishing and flame retardant

RoHS

CROSS SECTION



Acc. to DIN VDE 0282 part 9

SPECIAL FEATURES

Sheath colour
Grey

Product description	Cu weight	Outer Ø (mm)	Weight (kg/km)	Product number
LIYCY 2X0.14	12.0	3.6	20	8414102
LIYCY 3X0.14	13.0	4.0	24	8414103
LIYCY 4X0.14	14.3	4.5	28	8414104
LIYCY 5X0.14	15.5	4.9	34	8414105
LIYCY 7X0.14	19.0	5.2	41	8414107
LIYCY 8X0.14	21.2	5.6	52	8414108
LIYCY 10X0.14	28.5	6.3	57	8414110
LIYCY 12X0.14	30.4	6.4	72	8414112
LIYCY 14X0.14	32.0	6.8	78	8414114
LIYCY 16X0.14	48.0	7.3	97	8414116
LIYCY 18X0.14	51.5	7.5	100	8414118
LIYCY 20X0.14	58.3	7.8	116	8414120
LIYCY 21X0.14	60.2	7.9	131	8414121
LIYCY 24X0.14	74.3	9.1	158	8414124
LIYCY 25X0.14	76.2	9.2	165	8414125
LIYCY 2X0.25	16.0	4.4	25	8425102
LIYCY 3X0.25	21.0	4.9	29	8425103
LIYCY 4X0.25	24.0	5.2	36	8425104
LIYCY 5X0.25	29.0	5.6	44	8425105
LIYCY 7X0.25	37.0	6.0	53	8425107
LIYCY 8X0.25	42.0	6.1	59	8425108
LIYCY 10X0.25	46.0	7.3	84	8425110
LIYCY 12X0.25	51.0	7.8	92	8425112
LIYCY 14X0.25	64.2	8.0	120	8425114
LIYCY 15X0.25	67.5	9.4	127	8425115
LIYCY 16X0.25	70.8	9.6	135	8425116
LIYCY 18X0.25	83.0	8.9	116	8425118
LIYCY 20X0.25	88.0	10.2	157	8425120
LIYCY 21X0.25	105.0	10.5	163	8425121
LIYCY 24X0.25	110.0	10.6	168	8425124
LIYCY 25X0.25	116.7	12.1	220	8425125
LIYCY 2X0.34	21.0	4.4	34	8434102
LIYCY 3X0.34	27.0	4.9	40	8434103
LIYCY 4X0.34	33.0	5.6	49	8434104
LIYCY 5X0.34	36.0	6.0	61	8434105
LIYCY 6X0.34	45.0	6.6	62	8434106
LIYCY 7X0.34	46.0	6.5	81	8434107
LIYCY 8X0.34	45.0	7.2	90	8434108
LIYCY 10X0.34	74.0	8.2	118	8434110
LIYCY 12X0.34	80.0	8.7	131	8434112
LIYCY 14X0.34	86.0	9.5	141	8434114
LIYCY 16X0.34	94.0	10.0	155	8434116
LIYCY 18X0.34	103.0	10.0	181	8434118
LIYCY 20X0.34	115.3	10.9	195	8434120
LIYCY 21X0.34	119.0	11.2	201	8434121
LIYCY 24X0.34	131.0	11.9	223	8434124
LIYCY 36X0.34	188.3	14.3	325	8434136
LIYCY 2X0.50	29.0	5.0	36	8450102
LIYCY 3X0.50	35.0	6.0	49	8450103
LIYCY 4X0.50	43.0	6.8	60	8450104
LIYCY 5X0.50	51.0	7.1	81	8450105
LIYCY 6X0.50	58.0	6.9	76	8450106
LIYCY 7X0.50	65.0	7.0	84	8450107
LIYCY 8X0.50	75.0	7.8	99	8450108
LIYCY 10X0.50	88.0	9.6	141	8450110
LIYCY 12X0.50	99.0	10.0	157	8450112
LIYCY 18X0.50	148.0	11.0	217	8450118
LIYCY 20X0.50	165.0	11.6	239	8450120
LIYCY 21X0.50	171.0	11.7	251	8450121
LIYCY 24X0.50	236.0	13.3	300	8450124
LIYCY 25X0.50	250.0	13.4	313	8450125
LIYCY 2X0.75	38.0	6.0	49	8475102
LIYCY 3X0.75	49.0	6.5	63	8475103
LIYCY 4X0.75	58.0	7.0	85	8475104
LIYCY 5X0.75	67.0	7.6	102	8475105
LIYCY 6X0.75	87.0	9.1	128	8475106
LIYCY 7X0.75	100.0	8.3	134	8475107
LIYCY 8X0.75	110.0	9.8	151	8475108

Product description		Cu weight	Outer Ø (mm)	Weight (kg/km)	Product number
LIYCY	10X0.75	131.0	10.0	150	8475110
LIYCY	12X0.75	154.0	11.1	207	8475112
LIYCY	18X0.75	195.0	12.6	298	8475118
LIYCY	20X0.75	238.0	14.9	332	8475120
LIYCY	24X0.75	195.0	12.6	298	8475124
LIYCY	25X0.75	280.8	16.6	404	8475125
LIYCY	2X1.0	51.0	6.5	55	8410102
LIYCY	3X1.0	57.0	6.8	71	8410103
LIYCY	4X1.0	68.0	7.4	86	8410104
LIYCY	5X1.0	95.0	8.2	107	8410105
LIYCY	7X1.0	118.0	8.8	133	8410107
LIYCY	10X1.0	145.0	11.5	215	8410110
LIYCY	12X1.0	168.0	12.0	254	8410112
LIYCY	24X1.0	344.0	16.2	440	8410124
LIYCY	25X1.0	335.0	16.0	478	8410125
LIYCY	2X1.5	63.0	7.7	86	8415102
LIYCY	3X1.5	76.0	8.0	115	8415103
LIYCY	4X1.5	108.0	8.7	153	8415104
LIYCY	5X1.5	125.0	9.5	176	8415105
LIYCY	7X1.5	164.0	10.8	192	8415107
LIYCY	8X1.5	172.0	12.5	219	8415108
LIYCY	10X1.5	195.0	13.0	274	8415110
LIYCY	12X1.5	254.0	14.0	315	8415112
LIYCY	18X1.5	350.0	15.5	450	8415118
LIYCY	20X1.5	375.0	17.0	500	8415120
LIYCY	25X1.5	550.0	18.5	618	8415125
LIYCY	2x2x0.14	22.5	5.0	44	8514102
LIYCY	3x2x0.14	25.7	5.6	53	8514103
LIYCY	4x2x0.14	39.3	6.1	60	8514104
LIYCY	5x2x0.14	44.5	6.5	80	8514105
LIYCY	6x2x0.14	51.4	7.2	85	8514106
LIYCY	8x2x0.14	56.9	8.3	115	8514108
LIYCY	10x2x0.14	65.3	9.0	130	8514110
LIYCY	12x2x0.14	78.4	9.4	160	8514112
LIYCY	14x2x0.14	84.3	11.0	180	8514114
LIYCY	16x2x0.14	93.4	11.0	220	8514116
LIYCY	18x2x0.14	99.4	11.9	240	8514118
LIYCY	20x2x0.14	97.0	15.7	183	8514120
LIYCY	2x2x0.25	28.0	6.8	54	8525102
LIYCY	3x2x0.25	39.6	7.3	66	8525103
LIYCY	4x2x0.25	44.9	7.9	81	8525104
LIYCY	5x2x0.25	55.0	9.4	98	8525105
LIYCY	6x2x0.25	69.5	10.2	115	8525106
LIYCY	8x2x0.25	76.9	10.5	130	8525108
LIYCY	10x2x0.25	110.0	13.3	158	8525110
LIYCY	12x2x0.25	121.5	13.7	190	8525112
LIYCY	16x2x0.25	146.5	15.1	238	8525116
LIYCY	25x2x0.25	233.0	19.4	344	8525125
LIYCY	2x2x0.34	40.5	7.4	74	8534102
LIYCY	3x2x0.34	49.8	8.0	98	8534103
LIYCY	4x2x0.34	62.9	9.5	114	8534104
LIYCY	6x2x0.34	84.1	10.6	157	8534106
LIYCY	8x2x0.34	97.5	10.9	195	8534108
LIYCY	12x2x0.34	138.3	14.3	272	8534112
LIYCY	16x2x0.34	166.2	15.4	349	8534116
LIYCY	18x2x0.34	205.6	16.6	399	8534118
LIYCY	24x2x0.34	266.1	18.6	464	8534124
LIYCY	2x2x0.50	42.5	7.3	95	8550102
LIYCY	3x2x0.50	64.0	8.4	110	8550103
LIYCY	4x2x0.50	71.0	9.4	135	8550104
LIYCY	6x2x0.50	120.0	11.2	198	8550106
LIYCY	8x2x0.50	144.0	11.5	259	8550108
LIYCY	12x2x0.50	199.0	15.1	354	8550112
LIYCY	16x2x0.50	254.0	17.3	459	8550116
LIYCY	20x2x0.50	288.3	19.5	580	8550120

Product description		Cu weight	Outer Ø (mm)	Weight (kg/km)	Product number
LIYCY	2x2x0.75	48.3	9.5	106	8575102
LIYCY	3x2x0.75	84.0	9.6	140	8575103
LIYCY	4x2x0.75	95.0	10.3	179	8575104
LIYCY	5x2x0.75	128.0	11.8	208	8575105
LIYCY	6x2x0.75	146.0	12.4	246	8575106
LIYCY	8x2x0.75	180.0	14.7	306	8575108
LIYCY	10x2x0.75	220.0	15.5	312	8575110
LIYCY	12x2x0.75	261.0	16.5	390	8575112
LIYCY	20x2x0.75	417.6	23.7	700	8575120
LIYCY	2x2x1.0	84.0	10.3	136	8510102
LIYCY	3x2x1.0	103.0	10.5	174	8510103
LIYCY	4x2x1.0	132.0	11.0	226	8510104