



**TANO**

C A B L E

**河南泰诺电缆有限公司**

HENAN TANO CABLE CO.,LTD.



# CONTROL CABLE to VDE STANDARD



Henan Tano Cable Co., Ltd.( Tano Cable for short), is a leading and professional manufacturer of cable and wire with more than 20 years' history and manufacturing experience, located in Zhengzhou city which is the capital of Henan province, China.

Tano Cable aims at providing integral power solution for international customers. We are working together as one company to provide products and technologies for building, maintaining and advancing the power and information infrastructures that connect the world. We mainly have the following products with strong competitiveness: All Aluminum Conductors (AAC), All Aluminum Alloy Conductors (AAAC), Aluminum Conductors Steel Reinforcement (ACSR) , Aerial Bundled Cables (ABC), building wire, welding cable, control cable, instrument cable, rubber cable, PVC insulated power cable, XLPE insulated power cable up to 500KV, customer-tailored cable and cable accessories, conforming to many different Country or international standard, such as IEC, HAR, BS, DIN, ICEA, ASTM, SABS, AS/NZS, JIS and so on.

Tano Cable pays great importance on the quality. We have strong teams and equipments for both production and inspection. Moreover, we have been awarded many certificates of ISO, CE, SONCAP, others from China and abroad. We keep improving our quality management system to meet the client's final satisfaction.

Tano Cable has provided services to the global clients who working in all areas of the energy, construction, industrial, specialty and communications market, and obtained the client's trust and compliment.

Welcome your any inquiry! Welcome your any visit! Welcome your any contact! We will take our biggest sincerity to be your long-term friend and partner.





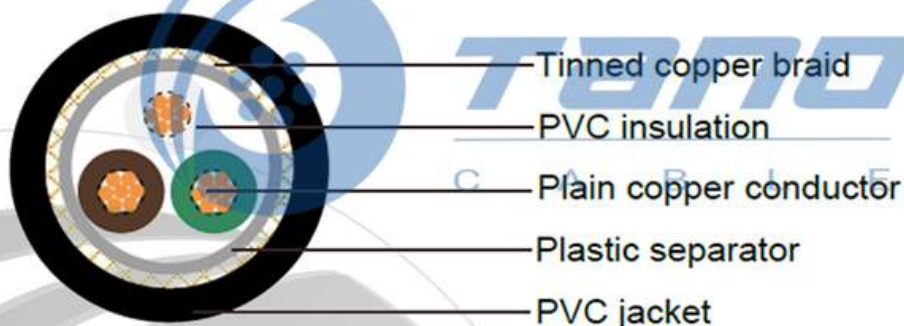
## APPLICATION

LiYCY screened cables are suitable for flexible use with free movement, but without tensile stress or forced movements in dry wet and moist areas but are not suitable for open air application. LiYCY cables are ideal whenever construction requirements call for minimal outer diameter such as areas of tool making, machine industry, eletrotechnics, computers, measuring and controlling technics. The extremely small outer diameter makes the cable also suitable for miniature plugs.

## STANDARD

VDE 0245, VDE 0812, CE Low Voltage Directive 73/23/EEC and 93/68/EEC, ROHS compliant

## CONSTRUCTION



### LiYCY

Plain copper conductor

Stranded to DIN VDE 0295 cl. 5, BS 6360 cl. 5 IEC 60228 cl.5

PVC core insulation to DIN VDE 0281 part 1

Color coded to DIN 47100, but without color repetition

Cores twisted into layers

Plastic foil separator

85% tinned copper braid

PVC outer jacket to DIN VDE 0281 part 1

## TECHNICAL DATA

**Working voltage:** 250 volts

**Test voltage:** 1200/1500 volts

**Minimum bending radius:** 10 x Ø

**Flexing temperature:** -5° C to +70° C

**Static temperature:** -40° C to +80° C

**Flame retardant:** IEC 60332.1

**Insulation resistance:** 20 MΩ x km

## CONSTRUCTION PARAMETER

AWG	No. of Cores x Nominal Cross Sectional Area	Nominal Overall Diameter	Nominal Copper Weight	Nominal Cable Weight
	No. x mm <sup>2</sup>	mm	kg/km	kg/km
26(18/38)	2X0.14	3.9	12	20
26(18/38)	3X0.14	4.1	13	28
26(18/38)	4X0.14	4.3	14.3	33
26(18/38)	5X0.14	4.6	15.5	38
26(18/38)	6X0.14	4.8	22	38
26(18/38)	7X0.14	4.9	19.1	49
26(18/38)	8X0.14	5.3	21.2	56
26(18/38)	10X0.14	5.9	28.5	66
26(18/38)	12X0.14	6.3	30.4	78
26(18/38)	14X0.14	6.5	32	80
26(18/38)	15X0.14	6.7	37.8	86
26(18/38)	16X0.14	6.8	43	90
26(18/38)	18X0.14	7.1	48.8	104
26(18/38)	20X0.14	7.6	53.9	116
26(18/38)	21X0.14	7.7	55.5	121
26(18/38)	25X0.14	8.5	63	149
26(18/38)	28X0.14	8.5	66.1	153
26(18/38)	30X0.14	8.7	69	158
26(18/38)	32X0.14	9	73.6	164
26(18/38)	36X0.14	9.3	83	183
26(18/38)	40X0.14	9.7	87.5	210
26(18/38)	44X0.14	10.3	110.5	225
26(18/38)	50X0.14	11.1	122.5	253
24(14/34)	2X0.25	4.5	16	32
24(14/34)	3X0.25	4.7	21	37

24(14/34)	4X0.25	5.1	24	41.3
24(14/34)	5X0.25	5.4	29	51.2
24(14/34)	6X0.25	5.8	30	58
24(14/34)	7X0.25	5.8	37	65
24(14/34)	8X0.25	6.5	42	73
24(14/34)	10X0.25	7.5	46	82
24(14/34)	12X0.25	7.7	59	145
24(14/34)	14X0.25	8.1	59	99
24(14/34)	15X0.25	8.4	61	111
24(14/34)	16X0.25	8.4	64	124
24(14/34)	18X0.25	8.8	83	143
24(14/34)	20X0.25	9.1	88	152.3
24(14/34)	21X0.25	9.3	93	161
24(14/34)	25X0.25	10.3	114	172
24(14/34)	28X0.25	10.8	126	181.1
24(14/34)	30X0.25	11.1	132	189
24(14/34)	32X0.25	11.4	138	203
24(14/34)	36X0.25	11.8	148	220
24(14/34)	40X0.25	12.3	157	248
24(14/34)	44X0.25	13.3	165	292.1
24(14/34)	50X0.25	13.9	178	318
24(14/34)	61X0.25	14.6	205	365.2
22(7/30)	2X0.34	4.9	21	37
22(7/30)	3X0.34	5.1	27	49
22(7/30)	4X0.34	5.5	33	59
22(7/30)	5X0.34	6.2	36	66
22(7/30)	6X0.34	6.8	36	64
22(7/30)	7X0.34	6.8	46	83
22(7/30)	8X0.34	7.3	52	94
22(7/30)	10X0.34	8.3	74	129.2
22(7/30)	12X0.34	8.5	80	142
22(7/30)	14X0.34	8.9	86	154
22(7/30)	15X0.34	9.2	90	155
22(7/30)	16X0.34	9.4	94	160
22(7/30)	18X0.34	9.8	103	173
22(7/30)	20X0.34	10.2	112	192
22(7/30)	21X0.34	10.3	116	199.2
22(7/30)	25X0.34	11.9	135	259
22(7/30)	28X0.34	12	153	280
22(7/30)	30X0.34	12.3	159	291.1
22(7/30)	32X0.34	13	165	305
22(7/30)	36X0.34	13.4	179	331
22(7/30)	40X0.34	13.9	200	365
22(7/30)	44X0.34	14.9	215	314.2

22(7/30)	50X0.34	15.9	235	431
20(16/32)	2X0.5	5.5	29	54
20(16/32)	3X0.5	5.8	38	67
20(16/32)	4X0.5	6.5	43	77
20(16/32)	5X0.5	7	51	90
20(16/32)	6X0.5	7.8	59	104
20(16/32)	7X0.5	7.8	65	112
20(16/32)	8X0.5	8.3	70	135
20(16/32)	10X0.5	9.5	88	160
20(16/32)	12X0.5	9.8	99	177
20(16/32)	18X0.5	11.8	134	239
20(16/32)	20X0.5	12.2	149	276
20(16/32)	25X0.5	14	211	352
20(16/32)	30X0.5	14.5	230	397
18(24/32)	2X0.75	5.9	38	64
18(24/32)	3X0.75	6.4	49	76
18(24/32)	4X0.75	7	58	92
18(24/32)	5X0.75	7.8	67	109
18(24/32)	7X0.75	8.4	100	156
18(24/32)	10X0.75	10.3	130	187
18(24/32)	12X0.75	11	154	218
18(24/32)	18X0.75	13	195	327
18(24/32)	25X0.75	15.6	280	454
18(24/32)	30X0.75	16.2	312	486
17(32/32)	2X1.0	6.5	43	72
17(32/32)	3X1.0	6.9	56	90
17(32/32)	4X1.0	7.6	68	109
17(32/32)	5X1.0	8.3	79	126
17(32/32)	7X1.0	9	118	171
17(32/32)	10X1.0	11.5	140	228
17(32/32)	12X1.0	11.9	168	259
17(32/32)	18X1.0	14	252	389
17(32/32)	25X1.0	16.7	335	517
16(30/30)	2X1.5	7.6	58	90
16(30/30)	3X1.5	8	74	115
16(30/30)	4X1.5	8.7	108	153
16(30/30)	5X1.5	9.5	129	176
16(30/30)	7X1.5	10.3	164	220
16(30/30)	12X1.5	13.9	254	376
16(30/30)	18X1.5	16.6	350	519
16(30/30)	25X1.5	20	550	901





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