



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.





Control Cable LiYCY TP to VDE Standard

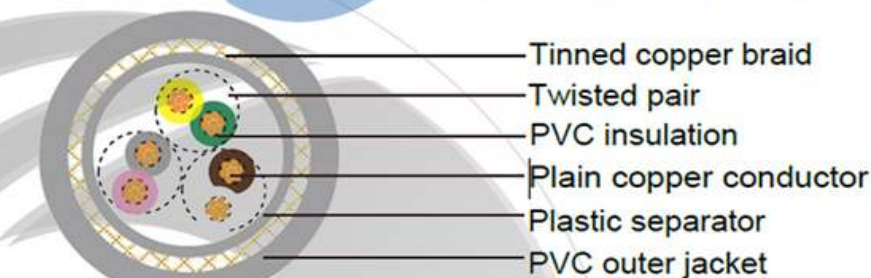
APPLICATION

LiYCY TP twisted cable is used 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. It is commonly used as control and signal cable in the electronics of computer systems, electronic control equipment, office machines and measurement devices in the tool making and machine industries. The twisted pair construction reduces interference (crosstalk) within the cable while the tinned copper braid shield offers optimum protection from electrical and electromagnetic interference.

STANDARD

VDE 0812, VDE 0814, CE Low Voltage Directive 73/23/EEC and 93/68/EEC, ROHS compliant

CONSTRUCTION

LiYCY TP

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 volts

Minimum bending radius: 5 x Ø

Flexing temperature: -5° C to +70° C

Static temperature: -30° C to +70° 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	Copper Weight	Cable Weight
	No. x mm ²	mm	kg/km	kg/km
26(18/38)	2 x 2 x 0.14	5.2	18.5	40
26(18/38)	3 x 2 x 0.14	5.6	23	49
26(18/38)	4 x 2 x 0.14	5.8	26.6	55
26(18/38)	5 x 2 x 0.14	6.5	30.7	66
26(18/38)	6 x 2 x 0.14	7.3	48.5	86
26(18/38)	7 x 2 x 0.14	7.5	51.1	91
26(18/38)	8 x 2 x 0.14	7.8	53.7	97
26(18/38)	10 x 2 x 0.14	8.5	59	109
26(18/38)	12 x 2 x 0.14	9.3	66	141
26(18/38)	14 x 2 x 0.14	10	74	148
26(18/38)	15 x 2 x 0.14	10.3	76	152
26(18/38)	16 x 2 x 0.14	10.7	79	155
26(18/38)	18 x 2 x 0.14	11	83	171
26(18/38)	20 x 2 x 0.14	11.2	97	183
26(18/38)	22 x 2 x 0.14	11.6	103	205
26(18/38)	24 x 2 x 0.14	12	111	228
26(18/38)	25 x 2 x 0.14	12.4	113	239
26(18/38)	26 x 2 x 0.14	12.8	122	245
26(18/38)	27 x 2 x 0.14	13	125	251

26(18/38)	28 x 2 x 0.14	13.2	128	258
26(18/38)	30 x 2 x 0.14	13.6	140	270
26(18/38)	32 x 2 x 0.14	14.2	145	284
26(18/38)	34 x 2 x 0.14	14.6	150	300
26(18/38)	36 x 2 x 0.14	14.8	156	316
26(18/38)	38 x 2 x 0.14	15	162	350
26(18/38)	40 x 2 x 0.14	15.4	177	370
26(18/38)	44 x 2 x 0.14	16	181	390
26(18/38)	46 x 2 x 0.14	16.4	195	430
26(18/38)	50 x 2 x 0.14	17.8	202	440
26(18/38)	52 x 2 x 0.14	18	206	460
26(18/38)	55 x 2 x 0.14	18.8	210	480
24(14/34)	2 x 2 x 0.25	6.3	28	53
24(14/34)	3 x 2 x 0.25	6.7	32	65
24(14/34)	4 x 2 x 0.25	6.8	38	80
24(14/34)	5 x 2 x 0.25	7.8	55	98
24(14/34)	6 x 2 x 0.25	8.8	65	114
24(14/34)	7 x 2 x 0.25	8.9	70	121
24(14/34)	8 x 2 x 0.25	9.6	75	129
24(14/34)	10 x 2 x 0.25	10.6	110	157
24(14/34)	12 x 2 x 0.25	11.6	117	189
24(14/34)	14 x 2 x 0.25	12	122	213
24(14/34)	15 x 2 x 0.25	12.5	134	225
24(14/34)	16 x 2 x 0.25	13	143	237
24(14/34)	18 x 2 x 0.25	13.2	148	248
24(14/34)	20 x 2 x 0.25	13.7	162	275
24(14/34)	22 x 2 x 0.25	14.4	172	303
24(14/34)	24 x 2 x 0.25	15	223	330
24(14/34)	25 x 2 x 0.25	15.4	233	343
24(14/34)	26 x 2 x 0.25	15.8	238	345
24(14/34)	27 x 2 x 0.25	16.2	244	350
24(14/34)	28 x 2 x 0.25	16.3	249	360
24(14/34)	30 x 2 x 0.25	16.7	254	375
24(14/34)	32 x 2 x 0.25	16.9	290	400
24(14/34)	34 x 2 x 0.25	17.5	312	410
24(14/34)	36 x 2 x 0.25	17.7	322	420
24(14/34)	38 x 2 x 0.25	18	339	450
24(14/34)	40 x 2 x 0.25	18.8	349	485
24(14/34)	44 x 2 x 0.25	19	359	500
24(14/34)	46 x 2 x 0.25	19.2	398	540
24(14/34)	50 x 2 x 0.25	19.9	403	550
24(14/34)	52 x 2 x 0.25	20	435	580
24(14/34)	55 x 2 x 0.25	21	464	630
22(7/30)	2 x 2 x 0.34	6.3	36.9	65
22(7/30)	3 x 2 x 0.34	7.5	44.9	78

22(7/30)	4 x 2 x 0.34	8	54.2	90
22(7/30)	5 x 2 x 0.34	8.9	63.5	110
22(7/30)	6 x 2 x 0.34	10.5	73.1	130
22(7/30)	7 x 2 x 0.34	10.7	79.5	145
22(7/30)	8 x 2 x 0.34	10.9	88.4	150
22(7/30)	9 x 2 x 0.34	11.4	99.3	170
22(7/30)	10 x 2 x 0.34	12	106.9	190
22(7/30)	12 x 2 x 0.34	13.2	122.1	220
22(7/30)	14 x 2 x 0.34	13.6	138.2	245
22(7/30)	16 x 2 x 0.34	15.1	154.2	250
22(7/30)	18 x 2 x 0.34	15.2	197.9	275
22(7/30)	21 x 2 x 0.34	16.2	214.4	300
22(7/30)	25 x 2 x 0.34	17.9	238.5	400
22(7/30)	27 x 2 x 0.34	18.2	262.5	410
22(7/30)	30 x 2 x 0.34	19	286.6	440
22(7/30)	34 x 2 x 0.34	20	310.1	510
22(7/30)	37 x 2 x 0.34	20.3	368.7	550
22(7/30)	40 x 2 x 0.34	21	392.6	590
22(7/30)	44 x 2 x 0.34	22.2	424.3	600
22(7/30)	50 x 2 x 0.34	23.5	455.9	650
22(7/30)	52 x 2 x 0.34	24.6	487.6	680
22(7/30)	56 x 2 x 0.34	25.1	518.5	750
22(7/30)	61 x 2 x 0.34	26.3	557.2	840
20(16/32)	2 x 2 x 0.5	7.8	54	89
20(16/32)	3 x 2 x 0.5	8.5	70	104
20(16/32)	4 x 2 x 0.5	9.1	91	126
20(16/32)	5 x 2 x 0.5	10.4	105	148
20(16/32)	6 x 2 x 0.5	11.8	120	171
20(16/32)	8 x 2 x 0.5	13.1	144	290
20(16/32)	10 x 2 x 0.5	14.3	178	320
20(16/32)	12 x 2 x 0.5	15	199	261
20(16/32)	16 x 2 x 0.5	17.5	254	421
20(16/32)	20 x 2 x 0.5	19.5	302	580
20(16/32)	25 x 2 x 0.5	22.5	344	740
18(24/32)	2 x 2 x 0.75	8.2	58	105
18(24/32)	3 x 2 x 0.75	9	84	128
18(24/32)	4 x 2 x 0.75	9.2	108	156
18(24/32)	5 x 2 x 0.75	11	126	189
18(24/32)	6 x 2 x 0.75	12.4	146	216
18(24/32)	8 x 2 x 0.75	14.1	180	309
18(24/32)	10 x 2 x 0.75	15.3	220	355
18(24/32)	12 x 2 x 0.75	16.4	261	405
18(24/32)	16 x 2 x 0.75	19.2	328	565
18(24/32)	20 x 2 x 0.75	21.2	392	700
18(24/32)	25 x 2 x 0.75	23.5	470	950



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