



LiYY Twisted Pair Data Cable UL

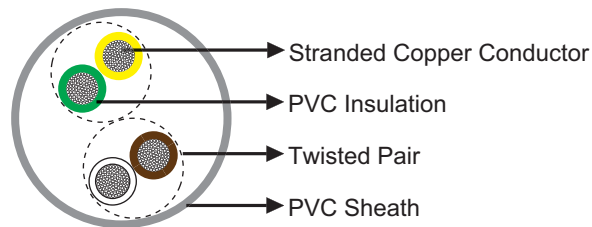
» Application

These twisted pair control cables are suitable for use in tool making machinery conveyor system and production lines, in industrial plants and in air conditioning as well as in the steel producing industries.

» Standards

UL Style 2464
UL Style 1061/1729

» Construction



Conductor: Stranded tinned copper, according to ASTM-B.

Insulation: PVC class 43.

Cable Element: Twisted pairs.

Sheath: PVC class 43.

» Technical Data

Rated Voltage U_0/U (Um)	300V
Operating Temperatures	flexing: $-10^{\circ}\text{C}\sim+80^{\circ}\text{C}$; fixed: $-20^{\circ}\text{C}\sim+80^{\circ}\text{C}$
Minimum Bending Radius	flexing: $15\times\text{OD}$; fixed: $6\times\text{OD}$
Flame Retardant	UL VW-1/CSA FT-1
Oil Resistant	Yes
Silicone Free	Yes



» Dimensions and Weight

Construction No. of cores×mm ²	Nominal Overall Diameter mm	Nominal Weight kg/km
26AWG		
1×2×0.14	3.6	20
2×2×0.14	5.1	24
3×2×0.14	5.3	30
4×2×0.14	5.8	38
5×2×0.14	6.2	44
6×2×0.14	6.8	51
7×2×0.14	6.8	57
8×2×0.14	7.3	64
10×2×0.14	7.4	76
12×2×0.14	9.1	93
14×2×0.14	9.8	103
15×2×0.14	10.6	109
16×2×0.14	10.6	112
18×2×0.14	11.1	119
20×2×0.14	11.9	130
22×2×0.14	12.4	150
24×2×0.14	13.1	169
25×2×0.14	13.4	178
24AWG		
1×2×0.23	3.8	32
2×2×0.23	4.0	36
3×2×0.23	5.7	48
4×2×0.23	6.0	56
5×2×0.23	6.6	71
6×2×0.23	7.2	80
7×2×0.23	7.2	89
8×2×0.23	7.8	98
10×2×0.23	9.2	111
12×2×0.23	9.7	135
14×2×0.23	10.2	160
15×2×0.23	10.9	171
16×2×0.23	10.9	185
18×2×0.23	11.5	209
20×2×0.23	12.2	230
22×2×0.23	13.0	248
24×2×0.23	13.7	279
25×2×0.23	14.2	292



Data Cable

Construction No. of cores×mm ²	Nominal Overall Diameter mm	Nominal Weight kg/km
22AWG		
1×2×0.34	4.2	38
2×2×0.34	5.9	44
3×2×0.34	6.3	60
4×2×0.34	7.0	79
5×2×0.34	7.6	92
6×2×0.34	8.2	119
7×2×0.34	8.2	128
8×2×0.34	9.0	139
10×2×0.34	10.7	171
12×2×0.34	11.3	194
14×2×0.34	12.1	222
15×2×0.34	12.7	231
16×2×0.34	12.7	240
18×2×0.34	13.6	264
20×2×0.34	14.4	291
22×2×0.34	15.1	300
24×2×0.34	16.2	359
25×2×0.34	16.7	381
20AWG		
1×2×0.56	4.6	60
2×2×0.56	6.5	80
3×2×0.56	7.1	94
4×2×0.56	7.8	104
5×2×0.56	8.6	130
6×2×0.56	9.6	151
7×2×0.56	9.6	174
8×2×0.56	12.1	262
10×2×0.56	12.5	298
12×2×0.56	13.1	302
14×2×0.56	13.8	327
15×2×0.56	14.7	370
16×2×0.56	14.7	402
18×2×0.56	15.7	480
20×2×0.56	16.7	551
22×2×0.56	17.2	621
24×2×0.56	18.6	703
25×2×0.56	19.2	721