



LiYCY Twisted Pair Data Cable UL

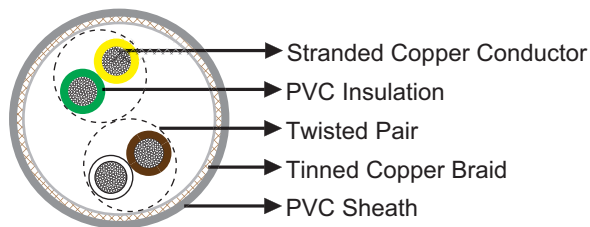
» Application

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.

Drain Wire: Tinned copper conductor.

Screen: Tinned copper wire braid.

Sheath: PVC class 43.

» Technical Data

Rated Voltage U ₀ /U (Um)	300V
Operating Temperatures	flexing: -10°C~+80°C; fixed: -20°C~+80°C
Minimum Bending Radius	flexing: 20×OD; fixed: 10×OD
Flame Retardant	UL VW-1/CSA FT-1
Oil Resistant	Yes
Silicone Free	Yes



Data Cable

» Dimensions and Weight

Construction No. of cores×mm ²	Nominal Overall Diameter mm	Nominal Weight kg/km
26AWG		
1×2×0.14	4.0	32
2×2×0.14	5.6	39
3×2×0.14	5.8	47
4×2×0.14	6.3	55
5×2×0.14	6.7	68
6×2×0.14	7.3	86
7×2×0.14	7.3	92
8×2×0.14	7.8	97
10×2×0.14	9.1	111
12×2×0.14	9.8	141
14×2×0.14	10.5	150
15×2×0.14	11.1	154
16×2×0.14	11.1	155
18×2×0.14	11.8	170
20×2×0.14	12.4	183
22×2×0.14	13.1	207
24×2×0.14	13.6	228
25×2×0.14	15.1	239
24AWG		
1×2×0.23	4.2	46
2×2×0.23	5.9	53
3×2×0.23	6.2	65
4×2×0.23	6.7	79
5×2×0.23	7.2	98
6×2×0.23	7.7	114
7×2×0.23	7.7	121
8×2×0.23	8.4	129
10×2×0.23	9.9	152
12×2×0.23	10.2	189
14×2×0.23	10.9	213
15×2×0.23	11.4	225
16×2×0.23	11.4	227
18×2×0.23	12.2	238
20×2×0.23	12.7	270
22×2×0.23	13.5	300
24×2×0.23	14.5	321
25×2×0.23	14.8	340



Caledonian Windmill Cables

Data Cable

Construction No. of cores×mm ²	Nominal Overall Diameter mm	Nominal Weight kg/km
22AWG		
1×2×0.34	4.6	58
2×2×0.34	6.4	65
3×2×0.34	6.9	78
4×2×0.34	7.5	88
5×2×0.34	8.1	110
6×2×0.34	8.8	126
7×2×0.34	8.8	140
8×2×0.34	9.7	148
10×2×0.34	11.5	184
12×2×0.34	12.0	210
14×2×0.34	12.6	241
15×2×0.34	13.4	245
16×2×0.34	13.4	251
18×2×0.34	14.4	275
20×2×0.34	15.0	300
22×2×0.34	15.9	320
24×2×0.34	17.0	371
25×2×0.34	17.3	402
20AWG		
1×2×0.56	5.0	70
2×2×0.56	7.0	89
3×2×0.56	7.6	102
4×2×0.56	8.3	119
5×2×0.56	9.1	140
6×2×0.56	10.1	162
7×2×0.56	10.1	198
8×2×0.56	12.7	272
10×2×0.56	13.2	307
12×2×0.56	13.6	318
14×2×0.56	14.4	342
15×2×0.56	15.5	381
16×2×0.56	15.5	417
18×2×0.56	16.3	494
20×2×0.56	17.1	570
22×2×0.56	18.0	643
24×2×0.56	19.4	724
25×2×0.56	19.8	740