



LiYCY Data Cable UL

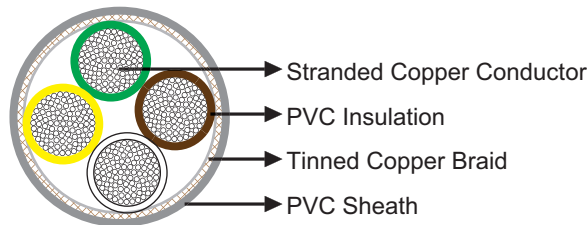
» Application

These screened data cables are suitable for use as flexible connector cables in the fields of electronics, control and command technology as well as for measuring, signal and impulse transfer.

» Standards

UL Style 2464
 UL Style 1061/1729
 UL Style 1007/1569

» Construction



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

Insulation: PVC class 43.

Drain Wire: Tinned copper conductor.

Screen: Tinned copper wire braid.

Sheath: PVC class 43.

» Technical Data

Rated Voltage U ₀ /U (U _m)	300V
Operating Temperatures	flexing: -10°C~+80°C; fixed: -20°C~+80°C
Minimum Bending Radius	flexing: 15×OD; fixed: 6×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		
2×0.14	4.1	20
3×0.14	4.3	25
4×0.14	4.5	28
6×0.14	5.1	30
10×0.14	6.1	50
12×0.14	6.3	53
16×0.14	6.8	60
18×0.14	7.0	70
24×0.14	8.1	100
27×0.14	8.3	105
30×0.14	8.6	110
24AWG		
2×0.23	4.3	20
3×0.23	4.5	25
4×0.23	4.8	30
6×0.23	5.4	40
10×0.23	6.5	60
12×0.23	6.7	70
16×0.23	7.4	90
18×0.23	7.7	123
24×0.23	8.8	131
27×0.23	9.0	160
30×0.23	9.3	170
22AWG		
2×0.34	4.7	40
3×0.34	4.9	50
4×0.34	5.5	60
6×0.34	6.0	80
10×0.34	7.4	130
12×0.34	7.6	140
16×0.34	8.3	160
18×0.34	8.7	170
24×0.34	10.0	220
27×0.34	10.2	250
30×0.34	10.5	280
20AWG		
2×0.56	5.1	50



Data Cable

Construction No. of cores×mm ²	Nominal Overall Diameter mm	Nominal Weight kg/km
3×0.56	5.3	55
4×0.56	5.6	61
6×0.56	6.5	90
10×0.56	8.2	133
12×0.56	8.4	151
16×0.56	9.3	190
18×0.56	9.7	216
24×0.56	11.3	339
27×0.56	11.5	374
30×0.56	12.3	397
18AWG		
2×0.82	6.5	60
3×0.82	6.8	75
4×0.82	7.4	90
6×0.82	8.8	125
10×0.82	10.9	180
12×0.82	11.2	220
16×0.82	12.9	290
18×0.82	13.5	300
24×0.82	15.6	450
27×0.82	15.9	470
30×0.82	16.6	490
16AWG		
2×1.3	7.0	90
3×1.3	7.4	160
4×1.3	8.1	200
6×1.3	9.5	290
10×1.3	12.4	450
12×1.3	12.8	600
16×1.3	14.0	650
18×1.3	14.8	680
24×1.3	17.2	900
27×1.3	18.0	990
30×1.3	18.7	1050