



## Data Cable

### LiYY Data Cable UL

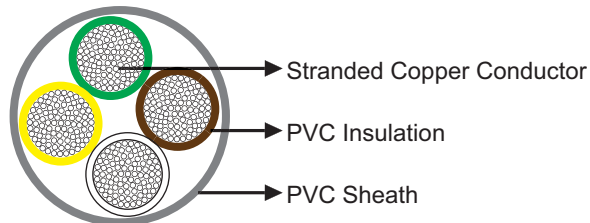
#### » Application

These data cables are designed for use as measuring and control cables 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
- UL Style 1007/1569

#### » Construction



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

**Insulation:** PVC class 43.

**Sheath:** PVC class 43.

#### » Technical Data

Rated Voltage U <sub>0</sub> /U (U <sub>m</sub> )	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



### » Dimensions and Weight

Construction No. of cores×mm <sup>2</sup>	Nominal Overall Diameter mm	Nominal Weight kg/km
26AWG		
2×0.14	3.6	13
3×0.14	3.7	15
4×0.14	4.0	18
6×0.14	4.6	25
10×0.14	5.6	38
12×0.14	5.8	46
16×0.14	6.3	56
18×0.14	6.6	62
24×0.14	7.5	82
27×0.14	7.8	97
30×0.14	8.1	110
24AWG		
2×0.23	3.8	16
3×0.23	4.0	19
4×0.23	4.2	23
6×0.23	4.9	32
10×0.23	6.0	55
12×0.23	6.1	60
16×0.23	6.7	75
18×0.23	7.1	82
24×0.23	8.2	116
27×0.23	8.5	140
30×0.23	8.8	150
22AWG		
2×0.34	4.2	25
3×0.34	4.3	30
4×0.34	4.6	45
6×0.34	5.5	60
10×0.34	6.8	80
12×0.34	7.0	105
16×0.34	7.8	130
18×0.34	8.3	140
24×0.34	9.6	190
27×0.34	10.0	207
30×0.34	10.5	225
20AWG		
2×0.56	4.6	30



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Construction No. of cores×mm <sup>2</sup>	Nominal Overall Diameter mm	Nominal Weight kg/km
3×0.56	4.8	33
4×0.56	5.2	41
6×0.56	6.1	65
10×0.56	7.6	102
12×0.56	8.0	120
16×0.56	8.8	152
18×0.56	9.4	168
24×0.56	11.0	224
27×0.56	11.3	260
30×0.56	11.8	300
18AWG		
2×0.82	6.1	50
3×0.82	6.4	62
4×0.82	6.9	72
6×0.82	8.1	100
10×0.82	10.4	180
12×0.82	10.9	182
16×0.82	12.2	240
18×0.82	13.0	270
24×0.82	15.2	370
27×0.82	15.8	400
30×0.82	16.3	470
16AWG		
2×1.3	6.9	70
3×1.3	7.3	90
4×1.3	7.9	110
6×1.3	9.6	160
10×1.3	12.4	250
12×1.3	12.8	300
16×1.3	14.6	400
18×1.3	15.5	450
24×1.3	18.1	650
27×1.3	18.7	680
30×1.3	19.5	750