

LiYCY Cable



Application

LiYCY cable can be used for signal transmission between electronic devices, in computer systems or process control units with increased electromagnetic compatibility requirements.

Standards

VDE 0482-332-1-2, EN 60811-2-

Fire Retardant according to: IEC 60332-1

Characteristics

Voltage Rating (Uo/U)
250/250V

Voltage Test
1.2kV

Temperature Rating
Fixed: -30°C to +80°C
During Installation: -5°C to +70°C

Minimum Bending Radius
Fixed Installation: 6 x overall diameter



Construction

Conductor
Class 5 Fine Stranded Bare Copper

Insulation
PVC (Polyvinyl chloride)

Screen
TCWB (Tinned Copper Wire Braid)

Outer Sheath
PVC (Polyvinyl chloride)

Sheath Colour
Grey



Dimensions

NO. OF CORES	NOMINAL CROSS SECTIONAL AREA mm ²	NOMINAL OVERALL DIAMETER mm	NOMINAL WEIGHT kg/km
2	0.14	3.9	21
2	0.25	4.6	28
2	0.34	4.8	31
2	0.5	5	36
2	0.75	6.7	62
2	1	7	74
2	1.5	7.7	86
3	0.14	4	40
3	0.25	4.8	34
3	0.34	5	38
3	0.5	5.3	45
3	0.75	7	73
3	1	7.3	89
3	1.5	8	107
4	0.14	4.2	43
4	0.25	5.2	40
4	0.34	5.4	46
4	0.5	5.7	54
4	0.75	7.6	92
4	1	8	107
4	1.5	9	129
5	0.14	4.6	47
5	0.25	5.7	47
5	0.34	5.9	54
5	0.5	6.4	67
5	0.75	8.2	110
5	1	8.6	132
5	1.5	10	150
6	0.14	4.9	52
6	0.25	6.3	54
6	0.34	6.6	62
6	0.5	6.9	76
6	0.75	9.1	128
7	0.14	5	54
7	0.25	6.3	61
7	0.34	6.7	70
7	0.5	7	84
7	0.75	9.7	145
7	1	9.2	158
7	1.5	10.8	192
8	0.14	6	58
8	0.25	6.4	66
8	0.34	7	76
8	0.5	7.3	107
8	0.75	9.8	151
8	1	10.5	179
10	0.25	6.7	80
10	0.5	8.8	134

NO. OF CORES	NOMINAL CROSS SECTIONAL AREA mm ²	NOMINAL OVERALL DIAMETER mm	NOMINAL WEIGHT kg/km
10	0.75	11.7	182
10	1	11.5	215
12	0.14	6.7	81
12	0.25	4.6	28
12	0.34	9	128
12	0.5	9.5	155
12	0.75	12	216
12	1	12	254
12	1.5	14	315
14	0.25	8	120
14	0.34	9.5	141
15	0.25	9.4	127
16	0.14	7.3	97
16	0.25	9.6	135
16	0.5	10.7	186
18	0.25	10	150
18	0.75	13.9	311
18	1.5	15.5	450
20	0.14	7.8	116
20	0.25	10.2	157
20	0.5	11.6	239
21	0.25	10.5	163
25	0.5	13.4	313
25	0.75	16.6	404
30	0.34	13.3	282

The information contained within this datasheet is for guidance only and is subject to change without notice or liability. All the information is provided in good faith and is believed to be correct at the time of publication. When selecting cable accessories, please note that actual cable dimensions may vary due to manufacturing tolerances.