



### Application

LiYY are unscreened flame-retardant multicore PVC cables for indoor signal and data transmission in indoor industrial applications such as computer systems, measuring equipment and process control devices in offices, laboratories and production lines under low mechanical and tensile stress.

### Voltage Rating

U<sub>0</sub>/U 250/250V

### Temperature Rating

Fixed: -30°C to +80°C

Flexed: -5°C to +70°C

### Minimum Bending Radius

Fixed: 5 x overall diameter

Flexed: 7.5 x overall diameter

### Conductor

Class 5 Fine Stranded Bare Copper

### Insulation

PVC (Polyvinyl chloride)

### Outer Sheath

PVC (Polyvinyl chloride)

### Sheath Colour

Grey

### Standards

DIN VDE 0812

Flame Retardant according to: IEC 60332-1

### Construction Parameters

NO.OF CORES	NOMINAL CROSS SECTIONAL AREA mm <sup>2</sup>	NOMINAL OVERALL DIAMETER mm	NOMINAL WEIGHT kg/km
2	0.14	3.2	12
2	0.25	3.6	17
2	0.34	4.2	19
2	0.5	5.6	23
2	0.75	5.9	48
2	1	6	61
3	0.14	3.4	17
3	0.25	3.8	21
3	0.34	4.5	19
3	0.5	5.9	31

3	0.75	6	57
4	0.14	3.7	19
4	0.25	4.1	27
4	0.34	4.9	32
4	0.5	6.4	38
4	0.75	6.5	69
4	1	6.5	85
5	0.14	4	22
5	0.25	4.5	32
5	0.34	5.6	38
5	0.5	7	47
7	0.14	4.7	27
7	0.25	5.4	42
7	0.34	6.6	50
7	0.5	7.6	65
8	0.14	5.3	30
8	0.25	6.1	51
8	0.34	7.2	61
8	0.5	7.9	75
12	0.14	5.8	48
12	0.25	6.6	71
12	0.34	7.9	85
12	0.5	9.7	121
12	0.75	10.1	179
14	0.14	6.1	54
18	0.14	6.7	72
21	0.14	7.5	77
21	0.5	12.6	184
24	0.14	7.8	94
24	0.5	13.6	221