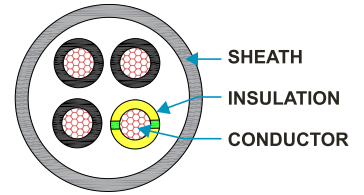


Data Cables

LiYY - PVC Unshielded



Application

This cable is versatile, making it compatible with a wide range of machine interfaces for transmitting data and signals at low frequencies. It's ideal for computer systems, electronic control devices, office machines, scales, and more. Designed for permanent installation, it's suitable for use in both dry and damp environments. Additionally, it can handle light mechanical strain, and its PVC outer sheath provides some resistance to oil.

Properties

- Minimum bending radius : Fixed: 6 x cable diameter, flexing : 15 x cable diameter
- Mutual capacitance : C/C approx 120 nF / km. @ 800 Hz
- Inductance : Approx 0.65 mH/km

Construction

- Standards : Generally to VDE 812 & EN 50288-7
- Conductor : Fine wire strands of plain annealed copper strands to BS:6360.
- Insulation : PVC acc. to VDE 0207
- Core colour sequence : DIN 47100
- Laying up : Cores twisted together
- Sheath : PVC acc. to VDE 0207
- Outer jacket colour : Grey sim. RAL 7001

Technical Parameter

- Voltage rating : Working test
0.14 - 0.34 mm² 250 v 1000 v
0.5 - 1.5 mm² 300 v 2000 v
2.5 - 6 mm² 500 v 2000 v
- Temperature range : Static -20°C to +80°C, flexing -5°C to +70°C



Dimension

Part Code	No. of Core x Sq.mm.	O.D. approx. mm	Weight kg/km
0901B020005	2 x 0,50	4,90	33,0
0901B030005	3 x 0,50	5,20	47,0
0901B040005	4 x 0,50	5,70	53,0
0901B050005	5 x 0,50	6,30	70,0
0901B060005	6 x 0,50	6,80	75,0
0901B070005	7 x 0,50	7,00	80,0
0901B080005	8 x 0,50	7,60	92,0
0901B100005	10 x 0,50	8,90	105,0
0901B120005	12 x 0,50	9,40	130,0
0901B160005	16 x 0,50	10,40	165,0
0901B240005	24 x 0,50	14,00	221,0
0901B320005	32 x 0,50	16,10	295,0
0901B520005	52 x 0,50	19,80	530,0
0901B020007	2 x 0,75	5,30	47,0
0901B030007	3 x 0,75	5,60	61,0
0901B040007	4 x 0,75	6,30	75,0
0901B050007	5 x 0,75	7,00	85,0
0901B060007	6 x 0,75	7,80	105,0
0901B080007	8 x 0,75	8,30	120,0
0901B100007	10 x 0,75	9,60	172,0
0901B120007	12 x 0,75	10,20	175,0
0901B160007	16 x 0,75	11,60	235,0
0901B200007	20 x 0,75	13,00	312,0
0901B240007	24 x 0,75	15,00	350,0