

TECHNICAL DATA FOR CABLE LiYY

Cable construction

Conductor: Bare copper according to VDE 0295 cl.5

Insulation: Pvc compound type YI2 VDE 0207- 4

Section (mm ²)	Diameter (mm)
0.14	1.00 ± 0.1
0.25	1.30 ± 0.1
0.34	1.50 ± 0.1
0.50	1.75 ± 0.1
0.75	2.00 ± 0.1

Colour code: TAB DIN 47100 (With colour repetition from 44 conductors)

Pairs (if required) : Conductors twisted in pairs

Assembly: Conductors twisted in layers + Talc

Sheath: Pvc compound Type TM2 VDE 207-5
Colour code: Grey Ral 7032
Overall diameter: See following table

Marking : Not required

General properties

Bending radius: 15 x D (Static application)

Temperature range: -20°C +80 °C (Static application)

Working voltage: 300 V

Test Voltage: 1500 V

Insulation resistance 20 MΩ.Km min at 20 °C

Conductor resistance of conductors on finished cable

Section (mm ²)	Conductor resistance (Ω/Km max at 20 °C)
0.14	138
0.25	78
0.34	56
0.50	39
0.75	26

Summary Table

LiYY

CSW code	Description	Diameter approx (mm)
B1014020032	2 x 0.14	3.2
B1014030032	3 x 0.14	3.4
B1014040032	4 x 0.14	3.6
B1014060032	6 x 0.14	4.4
B1014070032	7 x 0.14	4.4
B1014080032	8 x 0.14	4.7
B1014100032	10 x 0.14	5.8
B1014120032	12 x 0.14	5.8
B1014140032	14 x 0.14	5.9
B1014160032	16 x 0.14	6.3
B1014250032	25 x 0.14	8.0
B1025020032	2 x 0.25	4.2
B1025030032	3 x 0.25	4.4
B1025040032	4 x 0.25	4.7
B1025060032	6 x 0.25	5.5
B1025070032	7 x 0.25	5.5
B1025080032	8 x 0.25	5.9
B1025100032	10 x 0.25	7.0
B1025160032	16 x 0.25	7.7
B1025250032	25 x 0.25	10.0
B1034020032	2 x 0.34	4.7
B1034030032	3 x 0.34	4.4
B1034040032	4 x 0.34	5.3
B1034050032	5 x 0.34	5.8
B1034080032	8 x 0.34	6.80
B1034100032	10 x 0.34	8.0
B1034120032	12 x 0.34	7.8
B1050020032	2 x 0.50	5.1
B1050030032	3 x 0.50	5.4
B1050040032	4 x 0.50	5.8
B1075020032	2 x 0.75	5.6
B1075030032	3 x 0.75	5.9
B1075040032	4 x 0.75	6.4

LiYY TP

CSW code	Description	Diameter approx (mm)
B2014020032	2x2x0.14	4.7
B2014030032	3x2x0.14	5.4
B2014040032	4x2x0.14	5.7
B2014060032	6x2x0.14	6.5
B2014080032	8x2x0.14	7.3
B2014100032	10x2x0.14	7.7
B2014160032	16x2x0.14	9.6
B2014250032	25x2x0.14	11.4
B2025020032	2x2x0.25	5.6
B2025030032	3x2x0.25	6.4
B2025040032	4x2x0.25	7.1
B2025060032	6x2x0.25	8.4
B2025100032	10x2x0.25	9.9
B2050020032	2x2x0.50	7.6
B2075020032	2x2x0.75	7.9
B2075030032	3x2x0.75	9.1