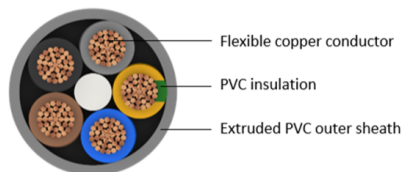


POLYCAB CLASSIC 100

Industrial Cable, 300/500 V



Images not to scale. Follow table for dimensions

APPLICATION

POLYCAB CLASSIC 100, fine wire flexible copper conductor, PVC insulated and sheathed cable is designed to use in Industrial application such as plant engineering, industrial machinery, power station and also suitable to use in dry or damp area with medium mechanical loads & in wind turbine generator.

CHARACTERISTICS

Voltage Rating

U0/U: 300/500 V

Operation Temperature

-15°C to +70°C

CONSTRUCTION

- Conductor: Class 5 Bare Copper conductor according to IEC 60228/VDE 0295
- Insulation: Inhouse developed PVC compound
- Laid up: Cores laid up
- Sheath: Inhouse developed PVC compound. Colour: Gray

Core Identification

Upto 5 core colour code is according to VDE 0293-308

From 6 core colour code is according to annexure 1

Bending Radius

Fixed installation: 6 X D

Occasional flexing: 10 X D

OUTSTANDING FEATURES

- Flame retardant
- UV resistant
- Moisture resistant
- Excellent low temperature withstand capacity

STANDARD FOLLOWS

IEC 60228/VDE 0295

IEC 60227-7

BS EN 50525 (Part 2-51) 2011

VDE 0281 Part-13

COMPLIANCE

Conductor resistance IEC 60228

Flame retardant IEC 60332-1-2

Test Voltage

Voltage test on complete cable at 2000 V

OUR ACCREDITATIONS



Dimensional Characteristics:

Product Code	No. of Cores x Area	Nominal Overall diameter Approx.	Weight Kg/km
	No. x sq.mm.	mm	
LVBS04CYUAYF002C0.5S	2 X 0.5	4.8	36.7
LVBS04CYUAYF003C0.5S	3 G 0.5	5.3	45.8
LVBS04CYUAYF003C0.5S	3 X 0.5	5.3	45.8
LVBS04CYUAYF004C0.5S	4 G 0.5	5.7	55.4
LVBS04CYUAYF004C0.5S	4 X 0.5	5.7	55.4
LVBS04CYUAYF005C0.5S	5 G 0.5	6.3	59.6
LVBS04CYUAYF005C0.5S	5 X 0.5	6.3	59.6
LVBS04CYUAYF006C0.5S	6 G 0.5	6.8	70.7
LVBS04CYUAYF007C0.5S	7 G 0.5	6.8	74
LVBS04CYUAYF008C0.5S	8 G 0.5	7.6	84.3
LVBS04CYUAYF010C0.5S	10 G 0.5	8.8	109.9
LVBS04CYUAYF012C0.5S	12 G 0.5	9.1	121.9
LVBS04CYUAYF014C0.5S	14 G 0.5	9.5	138.6
LVBS04CYUAYF016C0.5S	16 G 0.5	10	156.2
LVBS04CYUAYF021C0.5S	21 G 0.5	11.3	200.1
LVBS04CYUAYF024C0.5S	24 G 0.5	12.5	230.5
LVBS04CYUAYF040C0.5S	40 G 0.5	15.1	358.8
LVBS04CYUAYF002C.75S	2 X 0.75	5.4	47.7
LVBS04CYUAYF003C.75S	3 G 0.75	5.7	56.7
LVBS04CYUAYF003C.75S	3 X 0.75	5.7	56.7
LVBS04CYUAYF004C.75S	4 G 0.75	6.2	69.2
LVBS04CYUAYF004C.75S	4 X 0.75	6.2	69.2
LVBS04CYUAYF005C.75S	5 G 0.75	6.9	74.7
LVBS04CYUAYF005C.75S	5 X 0.75	6.9	74.7
LVBS04CYUAYF006C.75S	6 G 0.75	7.5	89
LVBS04CYUAYF007C.75S	7 G 0.75	7.5	93.9
LVBS04CYUAYF008C.75S	8 G 0.75	8.5	111.1
LVBS04CYUAYF009C.75S	9 G 0.75	9.2	123.8
LVBS04CYUAYF010C.75S	10 G 0.75	9.6	139.2

Product Code	No. of Cores x Area	Nominal Overall diameter	Weight Kg/km
	No. x sq.mm.	mm	
LVBS04CYUAYF012C001S	12 G 1.0	10.8	196.7
LVBS04CYUAYF016C001S	16 G 1.0	12	249.4
LVBS04CYUAYF018C001S	18 G 1.0	12.6	279.2
LVBS04CYUAYF020C001S	20 G 1.0	13.5	307.9
LVBS04CYUAYF025C001S	25 G 1.0	14.9	380.3
LVBS04CYUAYF002C1.5S	2 X 1.5	6.6	75.4
LVBS04CYUAYF003C1.5S	3 G 1.5	7	91.3
LVBS04CYUAYF003C1.5S	3 X 1.5	7	91.3
LVBS04CYUAYF004C1.5S	4 G 1.5	7.6	112.9
LVBS04CYUAYF004C1.5S	4 X 1.5	7.6	112.9
LVBS04CYUAYF005C1.5S	5 G 1.5	8.6	126.1
LVBS04CYUAYF005C1.5S	5 X 1.5	8.6	126.1
LVBS04CYUAYF007C1.5S	7 G 1.5	9.4	160.4
LVBS04CYUAYF008C1.5S	8 G 1.5	10.8	188.3
LVBS04CYUAYF012C1.5S	12 G 1.5	12.6	271.9
LVBS04CYUAYF014C1.5S	14 G 1.5	13.4	312.5
LVBS04CYUAYF018C1.5S	18 G 1.5	14.9	396.7
LVBS04CYUAYF025C1.5S	25 G 1.5	17.7	540
LVBS04CYUAYF002C2.5S	2 X 2.5	8	115.1
LVBS04CYUAYF003C2.5S	3 G 2.5	8.5	140.7
LVBS04CYUAYF004C2.5S	4 G 2.5	9.3	176.8
LVBS04CYUAYF005C2.5S	5 G 2.5	10.3	189.1
LVBS04CYUAYF007C2.5S	7 G 2.5	11.5	249.1
LVBS04CYUAYF002C004S	2 X 4.0	9.7	173.9
LVBS04CYUAYF003C004S	3 G 4.0	10.5	219.4
LVBS04CYUAYF004C004S	4 G 4.0	11.6	273.3
LVBS04CYUAYF005C004S	5 G 4.0	12.8	294.9
LVBS04CYUAYF007C004S	7 G 4.0	14.2	388.5
LVBS04CYUAYF003C006S	3 G 6.0	11.9	296.8

Document No.: 00438.Rev No.: 00 Date: 06-01-2024 / We reserve the rights to make technical changes.

Product Code	No. of Cores x Area	Nominal Overall diameter	Weight
	No. x sq.mm.	Approx. mm	Kg/km
LVBS04CYUAYF012C.75S	12 G 0.75	9.9	155.6
LVBS04CYUAYF015C.75S	15 G 0.75	11.2	196.7
LVBS04CYUAYF018C.75S	18 G 0.75	11.8	230.5
LVBS04CYUAYF021C.75S	21 G 0.75	12.4	257.8
LVBS04CYUAYF025C.75S	25 G 0.75	13.9	313.4
LVBS04CYUAYF040C.75S	40 G 0.75	16.7	474.6
LVBS04CYUAYF050C.75S	50 G 0.75	18.9	594.2
LVBS04CYUAYF002C001S	2 X 1.0	5.7	55.8
LVBS04CYUAYF003C001S	3 G 1.0	6.1	66.9
LVBS04CYUAYF003C001S	3 X 1.0	6.1	66.9
LVBS04CYUAYF004C001S	4 G 1.0	6.6	82.2
LVBS04CYUAYF004C001S	4 X 1.0	6.6	82.2
LVBS04CYUAYF005C001S	5 G 1.0	7.3	89.1
LVBS04CYUAYF005C001S	5 X 1.0	7.3	89.1
LVBS04CYUAYF006C001S	6 G 1.0	8.1	110.3
LVBS04CYUAYF007C001S	7 G 1.0	8.1	116.9
LVBS04CYUAYF008C001S	8 G 1.0	9.1	133.2
LVBS04CYUAYF010C001S	10 G 1.0	10.3	167.3

Above values are approximate and subject to standard manufacturing tolerance

Product Code	No. of Cores x Area	Nominal Overall diameter	Weight
	No. x sq.mm.	mm	Kg/km
LVBS04CYUAYF004C006S	4 G 6.0	13.3	377.7
LVBS04CYUAYF005C006S	5 G 6.0	14.9	418.9
LVBS04CYUAYF007C006S	7 G 6.0	16.5	551.4
LVBS04CYUAYF003C010S	3 G 10.0	14.7	483.6
LVBS04CYUAYF004C010S	4 G 10.0	16.4	617.8
LVBS04CYUAYF005C010S	5 G 10.0	18.4	689
LVBS04CYUAYF003C016S	3 G 16.0	17.1	696.8
LVBS04CYUAYF004C016S	4 G 16.0	19.1	904.3
LVBS04CYUAYF005C016S	5 G 16.0	21.4	1002.9
LVBS04CYUAYF003C025S	3 G 25.0	21	1082.5
LVBS04CYUAYF004C025S	4 G 25.0	23.4	1387.4
LVBS04CYUAYF005C025S	5 G 25.0	26.2	1540.4
LVBS04CYUAYF003C035S	3 G 35.0	23.7	1460.2
LVBS04CYUAYF004C035S	4 G 35.0	26.5	1855.4
LVBS04CYUAYF005C035S	5 G 35.0	29.6	2096.5
LVBS04CYUAYF003C050S	3 G 50.0	28.1	2047.7
LVBS04CYUAYF004C050S	4 G 50.0	31.4	2637.2
LVBS04CYUAYF005C050S	5 G 50.0	35.1	2980.6