



Images not to scale. Follow table for dimensions

APPLICATION

POLY CAB 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° Cl

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
Flame retardant

IEC 60228
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	Weight Approx.			
				No. x sq.mm.	mm	Kg/km
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	No. x sq.mm.	mm	Kg/km
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			

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POLY CAB CLASSIC 100
Industrial Cable, 300/500 V

POLY CAB
 IDEAS. CONNECTED.

Product Code	No. of Cores x Area	Nominal Overall diameter	Weight Kg/km	Approx.		
				No. x sq.mm.	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 Kg/km	Approx.		
				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			