



Images not to scale. Follow table for dimensions

## APPLICATION

POLY CAB CLASSIC 110, fine wire flexible copper conductor, PVC insulated with oil resistant PVC outer sheath is designed to use for fixed installation as well as flexible installation where tensile load is not much. It is suitable to use for torsional application in wind turbine and for power chain drive.

## CHARACTERISTICS

### Voltage Rating

U0/U: 300/500 V

### Operation Temperature

-15°C to + 90° C

## CONSTRUCTION

- Conductor: Fine wire stranded bare copper conductor as per IEC 60228/VDE 0295, class 5
- Insulation: In-house developed special PVC compound
- Laid up: insulated core laid suitably
- Sheath: In-house developed oil resistant PVC compound.

### Core Identification

Black with white numbering according to VDE 0293-334

### Bending Radius

Occasional flexing 10 x Overall diameter

Fixed installation 6 x Overall diameter

### Test Voltage

2 kV (completed cable)

## OUTSTANDING FEATURES

- Flame Retardant
- Cold resistant
- UV resistant
- Weather resistant
- Heat resistant

## STANDARD FOLLOWS

IEC 60228/VDE 0295

BS EN 50525-2-51

IEC 60227-5

VDE 0281-13

## COMPLIANCE

Conductor resistance IEC 60228

Oil resistant BS EN 50525-2-22

Flame retardant IEC 60332-1-2

## OUR ACCREDITATIONS



**Weight & Dimension Data**

Product Code	No. of core X cross section area (n x mm <sup>2</sup> )	Overall diameter (Approx.) (mm)	Weight (Approx.) (Kg/km)	Product Code	No. of core X cross section area (n x mm <sup>2</sup> )	Overall diameter (Approx.) (mm)	Weight (Approx.) (Kg/km)
LDBS04CYUAY1002C0.5S	2 X 0.5	4.9	36	LDBS04CYUAY1025C0.75S	25 G 0.75	13.9	307
LDBS04CYUAY1003C0.5S	3 G 0.5	5.2	43	LDBS04CYUAY1026C0.75S	26 G 0.75	13.9	314
LDBS04CYUAY1003C0.5S	3 X 0.5	5.2	43	LDBS04CYUAY1034C0.75S	34 G 0.75	16	406
LDBS04CYUAY1004C0.5S	4 G 0.5	5.7	53	LDBS04CYUAY1041C0.75S	41 G 0.75	17.4	484
LDBS04CYUAY1004C0.5S	4 X 0.5	5.7	53	LDBS04CYUAY1050C0.75S	50 G 0.75	18.9	583
LDBS04CYUAY1005C0.5S	5 G 0.5	6.4	58	LDBS04CYUAY1051C0.75S	51 G 0.75	19	593
LDBS04CYUAY1005C0.5S	5 X 0.5	6.4	58	LDBS04CYUAY1061C0.75S	61 G 0.75	20.2	699
LDBS04CYUAY1007C0.5S	7 G 0.5	6.9	74	LDBS04CYUAY1065C0.75S	65 G 0.75	21	745
LDBS04CYUAY1007C0.5S	7 X 0.5	6.9	74	LDBS04CYUAY1080C0.75S	80 G 0.75	23.2	910
LDBS04CYUAY1010C0.5S	10 G 0.5	8.9	107	LDBS04CYUAY1100C0.75S	100 G 0.75	26.6	1137
LDBS04CYUAY1012C0.5S	12 G 0.5	9.2	122	LDBS04CYUAY1002C01S	2 X 1	5.7	53
LDBS04CYUAY1014C0.5S	14 G 0.5	9.6	140	LDBS04CYUAY1003C01S	3 G 1	6.1	64
LDBS04CYUAY1018C0.5S	18 G 0.5	10.8	175	LDBS04CYUAY1003C01S	3 X 1	6.1	64
LDBS04CYUAY1021C0.5S	21 G 0.5	11.4	198	LDBS04CYUAY1004C01S	4 G 1	6.7	80
LDBS04CYUAY1025C0.5S	25 G 0.5	12.7	237	LDBS04CYUAY1004C01S	4 X 1	6.7	80
LDBS04CYUAY1030C0.5S	30 G 0.5	13.5	276	LDBS04CYUAY1005C01S	5 G 1	7.5	89
LDBS04CYUAY1035C0.5S	35 G 0.5	14.6	319	LDBS04CYUAY1005C01S	5 X 1	7.5	89
LDBS04CYUAY1040C0.5S	40 G 0.5	15.3	359	LDBS04CYUAY1006C01S	6 G 1	8.2	106
LDBS04CYUAY1052C0.5S	52 G 0.5	17.3	461	LDBS04CYUAY1007C01S	7 G 1	8.2	115
LDBS04CYUAY1061C0.5S	61 G 0.5	18.5	534	LDBS04CYUAY1007C01S	7 X 1	8.2	115
LDBS04CYUAY1065C0.5S	65 G 0.5	19.1	568	LDBS04CYUAY1008C01S	8 G 1	9.2	132
LDBS04CYUAY1080C0.5S	80 G 0.5	21.2	693	LDBS04CYUAY1009C01S	9 G 1	10	149
LDBS04CYUAY1100C0.5S	100 G 0.5	24.2	866	LDBS04CYUAY1010C01S	10 G 1	10.5	167

Document No.: 00367. Rev No.: 00 Date: 04-01-2024 / We reserve the rights to make technical changes.

**POLY CAB CLASSIC 110**  
**Control Cable, 300/500 V AC**

**POLY CAB**  
 IDEAS. CONNECTED.

Product Code	No. of core X cross section area (n x mm <sup>2</sup> )	Overall diameter (Approx.) (mm)	Weight (Approx.) (Kg/km)	Product Code	No. of core X cross section area (n x mm <sup>2</sup> )	Overall diameter (Approx.) (mm)	Weight (Approx.) (Kg/km)
LDBS04CYUAY1002C0.75S	2 X 0.75	5.3	44	LDBS04CYUAY1012C01S	12 G 1	10.9	191
LDBS04CYUAY1003C0.75S	3 G 0.75	5.6	53	LDBS04CYUAY1012C01S	12 X 1	10.9	191
LDBS04CYUAY1003C0.75S	3 X 0.75	5.6	53	LDBS04CYUAY1014C01S	14 G 1	11.4	221
LDBS04CYUAY1004C0.75S	4 G 0.75	6.2	66	LDBS04CYUAY1016C01S	16 G 1	12.1	248
LDBS04CYUAY1004C0.75S	4 X 0.75	6.2	66	LDBS04CYUAY1018C01S	18 G 1	12.8	279
LDBS04CYUAY1005C0.75S	5 G 0.75	6.9	73	LDBS04CYUAY1018C01S	18 X 1	12.8	279
LDBS04CYUAY1005C0.75S	5 X 0.75	6.9	73	LDBS04CYUAY1020C01S	20 G 1	13.6	304
LDBS04CYUAY1007C0.75S	7 G 0.75	7.5	94	LDBS04CYUAY1020C01S	20 X 1	13.6	304
LDBS04CYUAY1007C0.75S	7 X 0.75	7.5	94	LDBS04CYUAY1025C01S	25 G 1	15.1	379
LDBS04CYUAY1009C0.75S	9 G 0.75	9.2	122	LDBS04CYUAY1026C01S	26 G 1	15.1	388
LDBS04CYUAY1010C0.75S	10 G 0.75	9.6	137	LDBS04CYUAY1034C01S	34 G 1	17.5	502
LDBS04CYUAY1012C0.75S	12 G 0.75	10	156	LDBS04CYUAY1036C01S	36 G 1	17.5	526
LDBS04CYUAY1012C0.75S	12 X 0.75	10	156	LDBS04CYUAY1041C01S	41 G 1	19	600
LDBS04CYUAY1015C0.75S	15 G 0.75	11.1	192	LDBS04CYUAY1050C01S	50 G 1	20.6	723
LDBS04CYUAY1015C0.75S	15 X 0.75	11.1	192	LDBS04CYUAY1056C01S	56 G 1	21.4	802
LDBS04CYUAY1016C0.75S	16 G 0.75	11.1	202	LDBS04CYUAY1061C01S	61 G 1	22.1	869
LDBS04CYUAY1018C0.75S	18 G 0.75	11.8	226	LDBS04CYUAY1065C01S	65 G 1	22.9	925
LDBS04CYUAY1021C0.75S	21 G 0.75	12.5	256	LDBS04CYUAY1080C01S	80 G 1	25.4	1131
LDBS04CYUAY1100C01S	100 G 1	29.1	1414	LDBS04CYUAY1003C2.5S	3 G 2.5	8.6	137
LDBS04CYUAY1002C1.5S	2 X 1.5	6.7	73	LDBS04CYUAY1004C2.5S	4 G 2.5	9.5	172
LDBS04CYUAY1003C1.5S	3 G 1.5	7.1	90	LDBS04CYUAY1005C2.5S	5 G 2.5	10.6	190
LDBS04CYUAY1003C1.5S	3 X 1.5	7.1	90	LDBS04CYUAY1007C2.5S	7 G 2.5	11.6	249
LDBS04CYUAY1004C1.5S	4 G 1.5	7.9	112	LDBS04CYUAY1012C2.5S	12 G 2.5	15.7	420
LDBS04CYUAY1004C1.5S	4 X 1.5	7.9	112	LDBS04CYUAY1014C2.5S	14 G 2.5	16.6	488
LDBS04CYUAY1005C1.5S	5 G 1.5	8.8	124	LDBS04CYUAY1018C2.5S	18 G 2.5	18.6	620

Document No.: 00367. Rev No.: 00 Date: 04-01-2024 / We reserve the rights to make technical changes.

# POLY CAB CLASSIC 110

## Control Cable, 300/500 V AC

**POLY CAB**  
IDEAS. CONNECTED.

Product Code	No. of core X cross section area (n x mm <sup>2</sup> )	Overall diameter (Approx.) (mm)	Weight (Approx.) (Kg/km)	Product Code	No. of core X cross section area (n x mm <sup>2</sup> )	Overall diameter (Approx.) (mm)	Weight (Approx.) (Kg/km)
LDBS04CYUAY1005C1.5S	5 X 1.5	8.8	124	LDBS04CYUAY1025C2.5S	25 G 2.5	22.1	849
LDBS04CYUAY1006C1.5S	6 G 1.5	9.6	149	LDBS04CYUAY1034C2.5S	34 G 2.5	25.6	1132
LDBS04CYUAY1007C1.5S	7 G 1.5	9.6	161	LDBS04CYUAY1003C4S	3 G 4	10.7	213
LDBS04CYUAY1007C1.5S	7 X 1.5	9.6	161	LDBS04CYUAY1004C4S	4 G 4	11.9	270
LDBS04CYUAY1008C1.5S	8 G 1.5	10.9	186	LDBS04CYUAY1005C4S	5 G 4	13.2	296
LDBS04CYUAY1008C1.5S	8 X 1.5	10.9	186	LDBS04CYUAY1007C4S	7 G 4	14.6	390
LDBS04CYUAY1009C1.5S	9 G 1.5	11.9	210	LDBS04CYUAY1011C4S	11 G 4	19	608
LDBS04CYUAY1010C1.5S	10 G 1.5	12.4	236	LDBS04CYUAY1012C4S	12 G 4	19.7	663
LDBS04CYUAY1011C1.5S	11 G 1.5	12.4	248	LDBS04CYUAY1003C6S	3 G 6	12.2	293
LDBS04CYUAY1012C1.5S	12 G 1.5	12.9	270	LDBS04CYUAY1004C6S	4 G 6	13.6	374
LDBS04CYUAY1012C1.5S	12 X 1.5	12.9	270	LDBS04CYUAY1005C6S	5 G 6	15.3	417
LDBS04CYUAY1014C1.5S	14 G 1.5	13.6	313	LDBS04CYUAY1007C6S	7 G 6	16.9	554
LDBS04CYUAY1016C1.5S	16 G 1.5	14.4	352	LDBS04CYUAY1003C10S	3 G 10	15.5	489
LDBS04CYUAY1018C1.5S	18 G 1.5	15.2	396	LDBS04CYUAY1004C10S	4 G 10	17.3	626
LDBS04CYUAY1021C1.5S	21 G 1.5	16.2	450	LDBS04CYUAY1005C10S	5 G 10	19.4	698
LDBS04CYUAY1025C1.5S	25 G 1.5	18	541	LDBS04CYUAY1007C10S	7 G 10	21.5	931
LDBS04CYUAY1026C1.5S	26 G 1.5	18	553	LDBS04CYUAY1004C16S	4 G 16	20.2	902
LDBS04CYUAY1032C1.5S	32 G 1.5	20	676	LDBS04CYUAY1005C16S	5 G 16	22.6	1016
LDBS04CYUAY1034C1.5S	34 G 1.5	20.8	718	LDBS04CYUAY1007C16S	7 G 16	25.1	1360
LDBS04CYUAY1041C1.5S	41 G 1.5	22.7	859	LDBS04CYUAY1004C25S	4 G 25	24.8	1385
LDBS04CYUAY1050C1.5S	50 G 1.5	24.6	1038	LDBS04CYUAY1005C25S	5 G 25	27.8	1561
LDBS04CYUAY1061C1.5S	61 G 1.5	26.5	1249	LDBS04CYUAY1007C25S	7 G 25	30.8	2093
LDBS04CYUAY1065C1.5S	65 G 1.5	27.4	1330	LDBS04CYUAY1004C35S	4 G 35	28.1	1875
LDBS04CYUAY1002C2.5S	2 X 2.5	8	110	LDBS04CYUAY1005C35S	5 G 35	31.5	2123