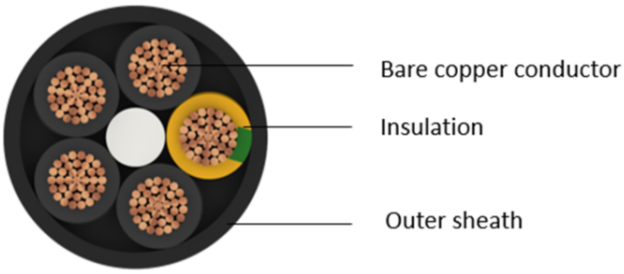
POLYCAB CLASSIC 110 BK
Control Cable, 300/500 V AC



Images not to scale. Follow table for dimensions

APPLICATION

POLYCAB CLASSIC 110 BK, 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. (Colour: Black)

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
- Oil Resistant
- UV 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

NABL

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POLYCAB
IDEAS. CONNECTED.

Weight & Dimension Data

Product Code	No. of core and cross section area (n x mm²)	Overall diameter (Approx.) (mm)	Weight (Approx.) (Kg/km)	Product Code	No. of core x cross section area (n x mm²)	Overall diameter (Approx.) (mm)	Weight (Approx.) (Kg/km)
LDBS04CYUAYF002C.75S	2 X 0.75	5.5	46	LDBS04CYUAYF004C1.5S	4 G 1.5	8	114
LDBS04CYUAYF003C.75S	3 G 0.75	5.8	55	LDBS04CYUAYF004C1.5S	4 X 1.5	8	114
LDBS04CYUAYF003C.75S	3 X 0.75	5.8	55	LDBS04CYUAYF005C1.5S	5 G 1.5	8.8	122
LDBS04CYUAYF004C.75S	4 G 0.75	6.4	68	LDBS04CYUAYF005C1.5S	5 X 1.5	8.8	122
LDBS04CYUAYF004C.75S	4 X 0.75	6.4	68	LDBS04CYUAYF007C1.5S	7 G 1.5	9.6	159
LDBS04CYUAYF005C.75S	5 G 0.75	7	73	LDBS04CYUAYF007C1.5S	7 X 1.5	9.6	159
LDBS04CYUAYF007C.75S	7 G 0.75	7.6	94	LDBS04CYUAYF012C1.5S	12 G 1.5	12.9	267
LDBS04CYUAYF012C.75S	12 G 0.75	10.1	155	LDBS04CYUAYF018C1.5S	18 G 1.5	15.2	393
LDBS04CYUAYF018C.75S	18 G 0.75	11.9	226	LDBS04CYUAYF025C1.5S	25 G 1.5	18	536
LDBS04CYUAYF025C.75S	25 G 0.75	14	306	LDBS04CYUAYF002C2.5S	2 X 2.5	8.2	112
LDBS04CYUAYF034C.75S	34 G 0.75	16.2	405	LDBS04CYUAYF003C2.5S	3 G 2.5	8.7	139
LDBS04CYUAYF002C001S	2 X 1	5.8	54	LDBS04CYUAYF004C2.5S	4 G 2.5	9.6	175
LDBS04CYUAYF002C001S	3 G 1	6.2	66	LDBS04CYUAYF005C2.5S	5 G 2.5	10.6	188
LDBS04CYUAYF003C001S	3 X 1	6.2	66	LDBS04CYUAYF007C2.5S	7 G 2.5	11.6	246
LDBS04CYUAYF004C001S	4 G 1	6.8	82	LDBS04CYUAYF012C2.5S	12 G 2.5	15.7	417
LDBS04CYUAYF004C001S	4 X 1	6.8	82	LDBS04CYUAYF018C2.5S	18 G 2.5	18.6	616
LDBS04CYUAYF005C001S	5 G 1	7.5	88	LDBS04CYUAYF025C2.5S	25 G 2.5	22.1	843
LDBS04CYUAYF005C001S	5 X 1	7.5	88	LDBS04CYUAYF003C004S	3 G 4	11.7	241
LDBS04CYUAYF007C001S	7 G 1	8.2	113	LDBS04CYUAYF004C004S	4 G 4	12.9	302

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LDBS04CYUAYF012C001S	12 G 1	10.9	189	LDBS04CYUAYF005C004S	5 G 4	14.2	323
LDBS04CYUAYF018C001S	18 G 1	12.8	276	LDBS04CYUAYF004C006S	4 G 6	14.2	395
LDBS04CYUAYF025C001S	25 G 1	15.1	376	LDBS04CYUAYF005C006S	5 G 6	15.8	432
LDBS04CYUAYF034C001S	34 G 1	17.5	498	LDBS04CYUAYF004C010S	4 G 10	18	654
LDBS04CYUAYF002C1.5S	2 X 1.5	6.8	75	LDBS04CYUAYF005C010S	5 G 10	20	719
LDBS04CYUAYF003C1.5S	3 G 1.5	7.2	92	LDBS04CYUAYF004C016S	4 G 16	20.9	941
LDBS04CYUAYF003C1.5S	3 X 1.5	7.2	92	LDBS04CYUAYF005C016S	5 G 16	23.2	1041