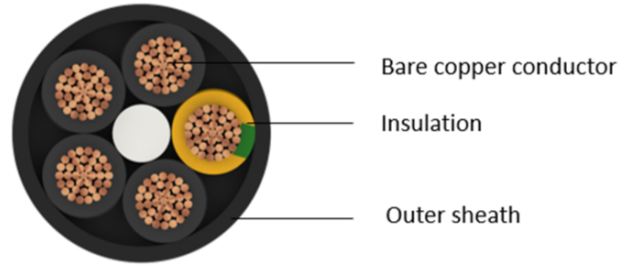


# POLYCAB CLASSIC 110 BLACK

## Control Cable, 600/1000 V AC



Images not to scale. Follow table for dimensions

### APPLICATION

POLYCAB CLASSIC 110 BLACK, fine wire flexible copper conductor, PVC insulated and PVC outer sheath is designed to use in plant engineering, industrial machinery, heating & air conditioning system, power station. It is also suitable to use for fixed installation & occasional flexing at free, torsional application in wind turbine and for power chain drive.

### CHARACTERISTICS

#### Voltage Rating

U0/U: 600/1000 V

#### Operation Temperature

Occasional flexing: -5°C to +70° C

Fixed installation: -40°C to +80° 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 PVC compound. (Colour: Black)

#### Core Identification

Black with white numbering according to VDE 0293-334

#### Bending Radius

Occasional flexing 15 x Overall diameter

Fixed installation 4 x Overall diameter

#### Test Voltage

3.5 kV

### OUTSTANDING FEATURES

- Flame Retardant
- Ozone resistant
- UV resistant
- Heat resistant

### STANDARD FOLLOWS

IEC 60228/VDE 0295

IEC 60502-1

BS 6231

### COMPLIANCE

Conductor resistance IEC 60228

Flame retardant IEC 60332-1-2

### OUR ACCREDITATIONS



**Weight & Dimension Data**

Product Code	No. of core and cross section area (Approx.)	Overall diameter (Approx.)	Weight (Approx.)	Product Code	No. of core and cross section area (Approx.)	Overall diameter (Approx.)	Weight (Approx.)
	n x mm <sup>2</sup>	mm	Kg/km		n x mm <sup>2</sup>	mm	Kg/km
LDBS04CYUAYF1002C0.75S	2 X 0.75	8.2	93	LDBS04CYUAYF1034C1.5S	34 G 1.5	26.1	962
LDBS04CYUAYF1003C0.75S	3 G 0.75	8.7	107	LDBS04CYUAYF1050C1.5S	50 G 1.5	30	1359
LDBS04CYUAYF1003C0.75S	3 X 0.75	8.7	107	LDBS04CYUAYF1002C2.5S	2 X 2.5	11	182
LDBS04CYUAYF1004C0.75S	4 G 0.75	9.5	129	LDBS04CYUAYF1003C2.5S	3 G 2.5	11.6	213
LDBS04CYUAYF1005C0.75S	5 G 0.75	10.5	139	LDBS04CYUAYF1004C2.5S	4 G 2.5	12.6	256
LDBS04CYUAYF1007C0.75S	7 G 0.75	11.4	172	LDBS04CYUAYF1004C2.5S	4 x 2.5	12.6	256
LDBS04CYUAYF1012C0.75S	12 G 0.75	15	278	LDBS04CYUAYF1005C2.5S	5 G 2.5	13.7	278
LDBS04CYUAYF1018C0.75S	18 G 0.75	17.6	396	LDBS04CYUAYF1007C2.5S	7 G 2.5	14.8	347
LDBS04CYUAYF1041C0.75S	41 G 0.75	25.9	819	LDBS04CYUAYF1012C2.5S	12 G 2.5	19.1	548
LDBS04CYUAYF1002C01S	2 X 1	8.4	101	LDBS04CYUAYF1014C2.5S	14 G 2.5	20	626
LDBS04CYUAYF1003C01S	3 G 1	8.9	117	LDBS04CYUAYF1018C2.5S	18 G 2.5	22.2	776
LDBS04CYUAYF1003C01S	3 X 1	8.9	117	LDBS04CYUAYF1025C2.5S	25 G 2.5	25.9	1031
LDBS04CYUAYF1004C01S	4 G 1	9.8	142	LDBS04CYUAYF1004C04S	4 G 4	13.8	333
LDBS04CYUAYF1004C01S	4 X 1	9.8	142	LDBS04CYUAYF1005C04S	5 G 4	15	364
LDBS04CYUAYF1005C01S	5 G 1	10.8	154	LDBS04CYUAYF1007C04S	7 G 4	16.3	461
LDBS04CYUAYF1007C01S	7 G 1	11.7	192	LDBS04CYUAYF1004C06S	4 G 6	15.2	433
LDBS04CYUAYF1012C01S	12 G 1	15.5	312	LDBS04CYUAYF1005C06S	5 G 6	16.7	475
LDBS04CYUAYF1018C01S	18 G 1	18.2	447	LDBS04CYUAYF1007C06S	7 G 6	18.1	608
LDBS04CYUAYF1025C01S	25 G 1	21.4	600	LDBS04CYUAYF1004C10S	4 G 10	18.4	676
LDBS04CYUAYF1034C01S	34 G 1	24.6	784	LDBS04CYUAYF1005C10S	5 G 10	20.2	740
LDBS04CYUAYF1041C01S	41 G 1	26.7	931	LDBS04CYUAYF1004C16S	4 G 16	21	957
LDBS04CYUAYF1002C1.5S	2 X 1.5	10	144	LDBS04CYUAYF1005C16S	5 G 16	23.1	1043

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	n x mm <sup>2</sup>	mm	Kg/km		n x mm <sup>2</sup>	mm	Kg/km
LDBS04CYUAYF1003C1.5S	3 G 1.5	10.5	165	LDBS04CYUAYF1007C16S	7 G 16	25.3	1371
LDBS04CYUAYF1003C1.5S	3 X 1.5	10.5	165	LDBS04CYUAYF1004C25S	4 G 25	25.1	1422
LDBS04CYUAYF1004C1.5S	4 G 1.5	11.3	197	LDBS04CYUAYF1005C25S	5 G 25	27.8	1556
LDBS04CYUAYF1005C1.5S	5 G 1.5	12.3	213	LDBS04CYUAYF1004C35S	4 G 35	27.9	1889
LDBS04CYUAYF1007C1.5S	7 G 1.5	13.3	261	LDBS04CYUAYF1005C35S	5 G 35	31	2090
LDBS04CYUAYF1012C1.5S	12 G 1.5	17	406	LDBS04CYUAYF1004C50S	4 G 50	32.8	2661
LDBS04CYUAYF1014C1.5S	14 G 1.5	17.8	461	LDBS04CYUAYF1004C70S	4 G 70	37.2	3610
LDBS04CYUAYF1018C1.5S	18 G 1.5	19.7	566	LDBS04CYUAYF1004C95S	4 G 95	42.1	4706
LDBS04CYUAYF1025C1.5S	25 G 1.5	22.9	746	LDBS04CYUAYF1004C120S	4 G 120	46.3	5856