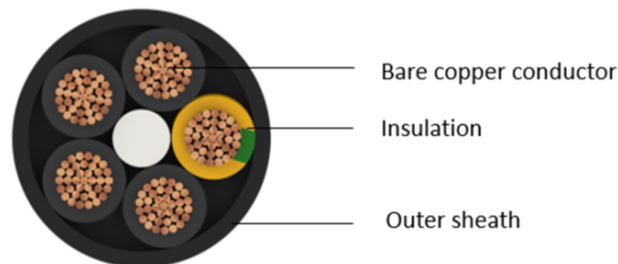


# POLYCAB CLASSIC 110 BLACK

## 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



# POLYCAB CLASSIC 110 BLACK

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### 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