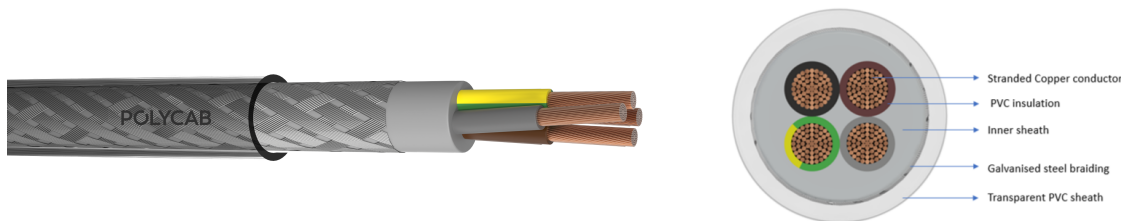


POLYCAB CLASSIC 100 SY 450/750 V

Industrial Cable, 450/750 V



Images not to scale. Follow table for dimensions

APPLICATION

POLYCAB CLASSIC 100 SY, fine wire flexible copper conductor, PVC insulated and sheathed screened cable is designed to use in Industrial application such as plant engineering, industrial machinery, heating and air conditioning system, conveyor and transport system, servo drives and also in EMC sensitive environment.

CHARACTERISTICS

Voltage Rating

U0/U: 450/750 V

Operation Temperature

-15°C to +70° C

CONSTRUCTION

- Conductor: Class 5 Bare Copper conductor according to IEC 60228/VDE 0295
- Insulation: Inhouse developed PVC compound
- Laid up: Cores laid up
- Inner sheath: Inhouse developed PVC inner sheath. Colour: Grey
- Braiding: Galvanised Steel braiding
- Sheath: Inhouse developed PVC compound. Colour: Transparent

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
- Low transfer impedance

STANDARD FOLLOWS

IEC 60228/VDE 0295

IEC 60227-7

BS EN 50525 (Part 2-51) 2011

BS EN 50525 (Part 2-31) 2011

COMPLIANCE

Conductor resistance IEC 60228

Flame retardant IEC 60332-1-2

Test Voltage

Voltage test on complete cable at 3500 V

OUR ACCREDITATIONS



POLYCAB CLASSIC 100 SY 450/750 V

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Dimensional Characteristics:

Product Code	No. of Cores x Area	Nominal Overall diameter	Weight
	No. x sq.mm.	Approx. mm	Kg/km
LVBS06CYSBYF002C2.5S	2 X 2.5	11.3	200.2
LVBS06CYSBYF003C2.5S	3 G 2.5	11.9	232.0
LVBS06CYSBYF004C2.5S	4 G 2.5	13.4	300.9
LVBS06CYSBYF005C2.5S	5 G 2.5	14.6	328.3
LVBS06CYSBYF007C2.5S	7 G 2.5	15.9	404.9
LVBS06CYSBYF002C004S	2 X 4.0	12.4	254.1
LVBS06CYSBYF004C004S	4 G 4.0	14.8	389.5
LVBS06CYSBYF005C004S	5 G 4.0	16.2	428.8
LVBS06CYSBYF003C006S	3 G 6.0	15	408.8
LVBS06CYSBYF004C006S	4 G 6.0	16.4	501.8
LVBS06CYSBYF005C006S	5 G 6.0	17.9	552.3
LVBS06CYSBYF004C010S	4 G 10.0	19.7	775.9
LVBS06CYSBYF005C010S	5 G 10.0	21.5	857.0
LVBS06CYSBYF004C016S	4 G 16.0	22.5	1074.9
LVBS06CYSBYF005C016S	5 G 16.0	24.9	1228.6
LVBS06CYSBYF004C025S	4 G 25.0	27.2	1625.4
LVBS06CYSBYF005C025S	5 G 25.0	30	1819.9
LVBS06CYSBYF004C035S	4 G 35.0	30.5	2153.0
LVBS06CYSBYF005C035S	5 G 35.0	33.5	2420.3
LVBS06CYSBYF004C050S	4 G 50.0	35.6	2991.9

Above values are approximate and subject to standard manufacturing tolerance