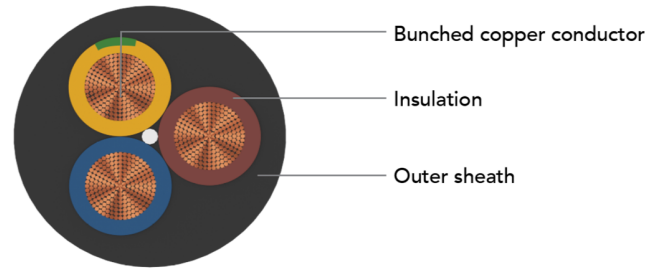


POLYCAB 3192A/3182A/3183A/3184A/3184A BS 6004 MC

Lighting & Appliance wire, 300/500 V AC



Images not to scale. Follow table for dimensions

APPLICATION

POLYCAB 3192A/3182A/3183A/3184A/3184A/3185A BS 6004 MC bunched copper conductor PVC insulated and PVC sheathed multicore cable confirm the requirement as per BS 6004. These cable intended to use for electric power and lighting application. The said cable is also suitable for low temperature installation, and fixed protected installation.

CHARACTERISTICS

Voltage Rating
300/500 V

Operation Temperature
Fixed: -40°C to +60° C

Bending Radius
Fixed installation 6 x Overall Diameter
Occasional installation 4 x Overall Diameter

CONSTRUCTION

- Annealed bunched copper conductor as per IEC 60228, class 5
- Insulated with Polyvinyl Chloride Type TI 4 to BS EN 50363-3
- Sheathed with Polyvinyl Chloride Type 10 to BS 7655-4.2

Core Identification

Twin core Blue and Brown
Three core Green-Yellow, Blue and Brown
Four core Green-Yellow, Brown, Black, Grey or
Green-Yellow, Blue, Brown, Black
Five core Green-Yellow, Blue, Brown, Black, Grey

Test Voltage
2000V AC at (20±5) °C

OUTSTANDING FEATURES

- Flame propagation
- Heat stability
- UV stability

STANDARD FOLLOWS

IEC 60228
EN 50363-3
BS 7655-4.2
BS 6004:2000

COMPLIANCE

Conductor Resistance test - IEC 60228
Insulation Resistance test - BS 6004
Flame propagation - BS EN 60332-1-2

OUR ACCREDITATIONS



APPROVAL



POLYCAB 3192A/3182A/3183A/3184A/3184A BS 6004 MC

Lighting & Appliance wire, 300/500 V AC

WEIGHT & DIMENSION DATA :

Product Code	Nominal cross sectional area mm ²	Nominal insulation thickness mm	Overall Dimension/Diameter (Approx.) mm	Weight (Approx.) kg/km
LDBS04CYUAYA002C.75S	2 x 0.75	0.6	3.9 x 6.2	48
LDBS04CYUAYA002C001S	2 x 1	0.6	4.1 x 6.6	55
LDBS04CYUAYA002C0.5S	2 x 0.5	0.6	5.82	49
LDBS04CYUAYA002C.75S	2 x 0.75	0.6	6.23	59
LDBS04CYUAYA002C001S	2 x 1	0.6	6.58	68
LDBS04CYUAYA002C1.5S	2 x 1.5	0.7	7.52	91
LDBS04CYUAYA002C2.5S	2 x 2.5	0.8	9.23	140
LDBS04CYUAYA002C004S	2 x 4	0.8	10.52	193
LDBS04CYUAYA003C.75S	3 x 0.75	0.6	6.60	69
LDBS04CYUAYA003C001S	3 x 1	0.6	6.98	81
LDBS04CYUAYA003C1.5S	3 x 1.5	0.7	8.20	113
LDBS04CYUAYA003C2.5S	3 x 2.5	0.8	10.01	175
LDBS04CYUAYA003C004S	3 x 4	0.8	11.38	243
LDBS04CYUAYA004C.75S	4 x 0.75	0.6	7.21	85
LDBS04CYUAYA004C001S	4 x 1	0.6	7.83	103
LDBS04CYUAYA004C1.5S	4 x 1.5	0.7	9.17	144
LDBS04CYUAYA004C2.5S	4 x 2.5	0.8	10.95	216
LDBS04CYUAYA004C004S	4 x 4	0.8	12.47	302
LDBS04CYUAYA005C.75S	5 x 0.75	0.6	8.06	106
LDBS04CYUAYA005C001S	5 x 1	0.6	8.52	124
LDBS04CYUAYA005C1.5S	5 x 1.5	0.7	10.19	179
LDBS04CYUAYA005C2.5S	5 x 2.5	0.8	12.16	267
LDBS04CYUAYA005C004S	5 x 4	0.8	14.03	380

• DBW-Weatherproof series

**POLYCAB 3192A/3182A/3183A/3184A/3184A BS 6004
MC**
Lighting & Appliance wire, 300/500 V AC

Electrical characteristics

Current carrying capacity and Maximum DC conductor resistance.

Nominal cross sectional area	Current-carrying capacity		Maximum DC conductor resistance at 20°C
	Single-phase a.c.	Three-phase a.c.	
mm ²	Amp.	Amp.	Ω/km
0.5	3	3	39
0.75	6	6	26
1	10	10	19.5
1.5	16	16	13.3
2.5	25	20	7.98
4	32	25	4.95

Ambient temperature: 30°C, Conductor operating temperature: 60°C

The above table is in accordance with Table 4F3A of BS 7671.

De-Rating Factor

De-rating factor for 60°C thermoplastic insulated cable.

Ambient Temperature	35°C	40°C	45°C	50°C	55°C
De-rating factor	0.91	0.82	0.71	0.58	0.41