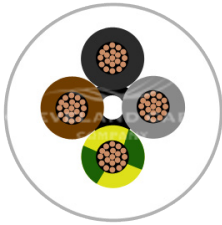


309*Y PVC INSULATED FLEXIBLE CORDS



APPLICATION

309*Y Flexible PVC Cable used in the installation of external electrical appliances. Generally used with appliances that reach / maintain hot temperatures such as heaters. Temperature limits of the 309*Y PVC cable range from -5 to +90°C.

CABLE STANDARDS

BS EN 50525-2-11

CONSTRUCTION

Conductor: Plain annealed flexible stranded copper conductor

Insulation: Heat Resisting Polyvinyl Chloride (PVC)

Sheath: Polyvinyl Chloride (PVC)

CHARACTERISTICS

Voltage Rating: 300/500 Volts

Temperature Rating:

Fixed: -5°C to +90°C

Flexing: +5°C to +90°C

Minimum Bending Radius: As per cable manufacturer datasheet

CORE IDENTIFICATION

2 Core: Brown Blue
3 Core: Brown Blue G/Y
4 Core: Brown Black Grey G/Y
5 Core: Brown Black Grey Blue G/Y

Should not be installed at temperatures below 0°C

309*Y PVC INSULATED FLEXIBLE CORDS - DIMENSIONS

CCC CODE	CONDUCTOR SIZE (MM ²)	STRANDING (MM)	NO. OF CORES	WEIGHT (KG/KM)	OVERALL DIAMETER (MM)	GLAND SIZE (MM)
3092Y/5	0.5	16/0.20	2	46	6.3	20/16
3093Y/5	0.5	16/0.20	3	66	6.5	20/16
3094Y/5	0.5	16/0.20	4	70	7.2	20/16
3092Y/75	0.75	24/0.20	2	56	6.8	20S
3093Y/75	0.75	24/0.20	3	68	7.2	20S
3094Y/75	0.75	24/0.20	4	85	7.7	20S
3095Y/75	0.75	24/0.20	5	104	8.5	20S
3092Y1	1	32/0.20	2	65	7.2	20S
3093Y1	1	32/0.20	3	77	7.6	20S
3094Y1	1	32/0.20	4	100	8.5	20S
3092Y1/5	1.5	30/0.25	2	80	8.2	20S
3093Y1/5	1.5	30/0.25	3	100	8.9	20S
3094Y1/5	1.5	30/0.25	4	130	10	20
3092Y2/5	2.5	50/0.25	2	135	10	20S
3093Y2/5	2.5	50/0.25	3	150	10.8	20
3094Y2/5	2.5	50/0.25	4	195	11.8	20

309*Y PVC INSULATED FLEXIBLE CORDS – ELECTRICAL CHARACTERISTICS

NOMINAL CROSS SECTIONAL AREA MM ²	REFERENCE METHOD A (IN CONDUIT IN WALL)	REFERENCE METHOD C (CLIPPED DIRECT)	VOLTAGE DROP MV/A/M
1	11.5	16	44
1.5	14.5	20	29
2.5	20	27	18

THE ABOVE IS IN ACCORDANCE WITH 18TH EDITION OF IET WIRING REGULATIONS

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