



MULTICORE FLEXIBLE CABLE

DESIGN CODE : LDIS09CYUAY1006C0.5SA

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| Particulars | 6 Core X 0.5 Sq.mm. |
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| Name of Manufacturer | Polycab India Ltd |
| Type of cable | YY |
| Voltage Grade V | 1100 |
| No of cores X size in sq.mm. | 6 Core X 0.5 Sq.mm. |
| Conductor | |
| a) Material | Plain annealed high conductivity flexible copper conductor as per Class 5 of IS 8130/2013, latest |
| b) Max. d.c. resistance of conductor at 20° C (ohm/km) | 39 |
| c) Shape of the conductor | Flexible Circular |
| Insulation | |
| a) Material | PVC TYPE D as per IS 5831/1984, Latest |
| b) Nominal thickness (mm) | 0.6 |
| c) Core identification | Black with white numbering and green/yellow in outer most layer as last core |
| Sheath | |
| a) Material | Extruded PVC Type ST3 as per IS 5831/1984, Latest |
| b) Nominal thickness (mm) | 0.9 |
| c) Colour of outer sheath | Black |
| Approx. overall diameter of the cable in mm | 8.1 +/-2 |
| Electrical Parameters | |
| Maximum conductor temperature under normal operating condition | 70°C |
| Maximum conductor temperature at the terminal of short circuit | 160°C |
| High voltage test | 3kv |
| Continuous Current carrying capacities :- | |
| a) In Air at 40°C (A) | 4 |

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|-------------------------|--|
| Applicable Standard | IS 8130/2013, IS 5831/1984, IS 694/2010, etc. with latest up to date updates |
| Minimum bending radius | 8 times Overall diameter |
| Fire Properties | |
| a) Flammability test | As per IEC 60332-1-2 |
| Standard packing length | 100 meter coil, 300 meter coil, 500 meter, 1000 meter (Higher quantity in wooden drum) |
| Printing | POLYCAB <SIZE SQ.MM> 1100V IS : 694 <ISI LOGO> CM/L - 2832257, HALOL - <CE MARKING> |