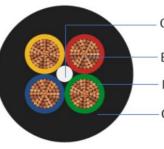


CABLES



Document ID: TE/QMS/F/02



– Center filler – Bunched Copper Conductor – Insulation

Outer sheath

MULTICORE FLEXIBLE CABLE

DESIGN CODE : LDIS09CYUAY1004C016S

| Particulars | 4 Core X 16 Sq.mm |
|---|--|
| Name of Manufacturer | Polycab India Ltd |
| Type of cable | |
| Voltage Grade V | 1100 |
| No of cores X size in sq.mm. | 4 Core X 16 Sq.mm. |
| Conductor | |
| | Plain annealed high conductivity flexible copper conductor |
| a) Material | as per Class 5 of IS 8130/2013, latest |
| b) Max. d.c. resistance of conductor at 20° C (ohm/km) | 1.21 |
| c) Shape of the conductor | Flexible Circular |
| Insulation | |
| a) Material | PVC TYPE D as per IS 5831/1984, Latest |
| b) Nominal thickness (mm) | 1.0 |
| c) Core identification | Red, Yellow, Blue and Green |
| Outer Sheath | |
| a) Material | Extruded PVC Type ST3 as per IS 5831/1984, Latest |
| b) Nominal thickness (mm) | 1.4 |
| c) Colour of outer sheath | Black |
| Approx. overall diameter of the cable in mm | 20+/-2 |
| Maximum conductor temperature under normal operating condition | 70°C |
| Maximum conductor temperature at the terminal of short circuit | 160°C |
| Electrical Parameters | |
| Max. a.c. resistance of conductor at operating temperature (Ohm/Km) | 1.44 |
| b) High voltage test (kV) | 3 |
| Continuous Current carrying capacities :- | |
| a) In Air at 40°C (A) | 66 |
| 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

Standard packing length

Printing

100 meter coil, 300 meter coil, 500 meter, 1000 meter (Higher quantity in wodden drum) POLYCAB <SIZE SQ.MM> 1100V IS : 694 <ISI LOGO> CM/L -2832257, HALOL - <CE MARKING>

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Note:-The values given above are subject to tolerances as per the relevant standards

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