

300/500V PVC INSULATED MULTI CORE FLEXIBLE HEAT RESISTANT CABLES



TECHNICAL DATA

- Max. Operating Temperature: 90°C
- Max. Short Circuit Temperature: 160°C (max. 5 sec.)
- Rated Voltage: 300/500V
- Min. Bending Radius: 12x Cable Outer Diameter
- Production Standards: IEC 60227, HD 21.12
VDE 0281-1, BS EN 50525-2-11

CONSTRUCTION

Conductor: Multi stranded/Flexible Class 5 Copper as per IEC 60228

Insulation: PVC insulation material

Outer Sheath: PVC Outer Sheath material

CODE of CABLE

- Flex Cu/PVC/PVC Heat Resistant; H05V2V2-F; 309-Y PVC Cable

APPLICATION

These cables refer to PVC insulated PVC Sheathed Multi Core Flexible Heat Resistant Cables with a rated voltage of 300/500V. These cables are suitable for domestic premises, kitchen, office for light service, or light portable apparatuses. With their special insulation and sheath compounds, these cables are adapt for apparatus in kitchen and heating and for use in zones with high temperature (like lighting system apparatuses) without contact with warm parts and radiations. Unsuitable for outdoor use, in industrial and agricultural buildings or non-domestic portable tools. The maximum conductor temperature in normal use: 90°C. While high-temperature use, skin contact must be avoided.

SECTION RANGE

- From 1.5mm² up to 25mm²

CONDUCTOR QUANTITY

- From 2 cores up to 7 cores

COLOUR CODE of CABLE

- Insulation Colours code will be according to the International Standards or customer's request/demand.
- Outer Sheath Colour could be Yellow, Black, White or Grey according customer's request/demand.