

300/500V PVC INSULATED MULTI CORE FLAT TWIN & EARTH CABLES



TECHNICAL DATA

- Max. Operating Temperature: 70°C
- Max. Short Circuit Temperature: 160°C (max. 5 sec.)
- Rated Voltage: 300/500V
- Min. Bending Radius: 12x Cable Outer Diameter
- Production Standards: BS 6004

CONSTRUCTION

Conductor: Solid Class 1 or Stranded Class 2 Copper as per IEC 60228

Insulation: PVC Insulation material

Outer Sheath: PVC Outer sheath material

CODE of CABLE

- 6241Y, 6242Y, 6423Y; 6244Y; Twin & Earth Cable;
Flat Twin & Earth Cable

APPLICATION

These cables refer to Twin and Earth or Flat Twin and Earth Cables with a rated voltage of 300/500V. These cables used in fixed wiring installations in dry or damp premises clipped to surface, on trays, or in free air where there is no risk of mechanical damage. It is suitable for laying in conduit or trunking where mechanical protection is required. Twin and Earth cable is a general fixed wiring and lighting cable, containing three conductors. As the name suggests, there is a pair of Twin current-carrying conductors, both individually insulated, and one bare conductor which is the central protective circuit on earth.

SECTION RANGE

- **For the Power Cables with Copper Conductor:**
From 1.5mm² up to 10mm²
- **For the Power Cables with Aluminium Conductor:**
From 1.5mm² up to 10mm²

CONDUCTOR QUANTITY

- **From 2 cores up to 4 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 Black or Grey according customer's request/demand.
- Insulation and Outer Sheath could be HFFR/LSZH materials according to customer's request