

## 450/750V PVC INSULATED SINGLE CORE CABLES



### TECHNICAL DATA

- Max. Operating Temperature: 70°C
- Max. Short Circuit Temperature: 160°C (max. 5 sec.)
- Rated Voltage: 450/750V
- Min. Bending Radius: 6x Cable Outer Diameter
- Production Standards: IEC 60227, EN 50525-2-31  
HD 21.3 S3, VDE 0281, BS 6004

### CONSTRUCTION

**Conductor:** Solid Class 1 (Up to 10mm<sup>2</sup> Section) or  
Stranded Class 2 Copper as per IEC 60228

**Insulation:** PVC insulation material

\*PVC Insulation material up to for 90°C continuous operation  
also available upon special request.

### CODE of CABLE

- Cu/PVC; Conduit Wire; H07V-U; H07V-R; H07V2-R

### APPLICATION

These cables refer to PVC insulated Single Core Cables Building Wire with a rated voltage of 450/750V. These cables used for indoor fixed installations in dry locations, in switchboards and distributors, installed in surface mounted or embedded conduits, or flush mounted in stationary plants, dry places, distribution boards, and closed spaces like factories, workshops, and any kind of workplaces.

### SECTION RANGE

- **For Solid Class1 Copper Conductor:**  
From 1.5mm<sup>2</sup> up to 6mm<sup>2</sup>
- **For Stranded Class2 Copper Conductor:**  
From 1.5mm<sup>2</sup> up to 630mm<sup>2</sup>