

# Single Cable

## 6491X / H07V-R / H07V-U / BS EN 50525-2-31 Cable



### APPLICATION

6491X Cable H07V-R/H07V-U is suitable for power and lighting circuits and building wiring. The cable is intended for use in semi-flush exposed conduits and embedded conduits as well as in closed installation ducts, and is ideal for the internal wiring of appliances.

### CONSTRUCTION

#### Conductor

H07V-R: Class 2 stranded copper conductor to BS EN 60228 (previously BS 6360)

H07V-U: Class 1 solid copper conductor to BS EN 60228 (previously BS 6360)

#### Insulation

PVC (Polyvinyl Chloride) Type T11 according to BS EN 50363

### CABLE STANDARDS

BS EN 50525-2-31 (previously BS 6004) BASEC approved, BS EN/IEC 60332-1-2



The electrical and dimensional properties of this product are measured by the Technical and Quality Assurance department at the Eland Cables laboratory. Cable performance in respect of conductor resistance, construction quality (workmanship), dimensional consistency, and other parameters are verified to published standards and approved product drawings. Conformance to RoHS (Restriction of the use of Hazardous Substances) is determined and confirmed.

### CHARACTERISTICS

**Voltage Rating (U<sub>0</sub>/U)**  
450/750V

**Temperature Rating**  
-15°C to +70°C

**Minimum Bending Radius**  
Up to 10mm<sup>2</sup>: 3 x overall diameter  
10mm<sup>2</sup> to 25mm<sup>2</sup>: 4 x overall diameter  
Above 25mm<sup>2</sup>: 5 x overall diameter

#### Insulation Colour

● Red ● Black ● Blue ● Yellow ○ White  
● Green/Yellow ● Grey ● Brown