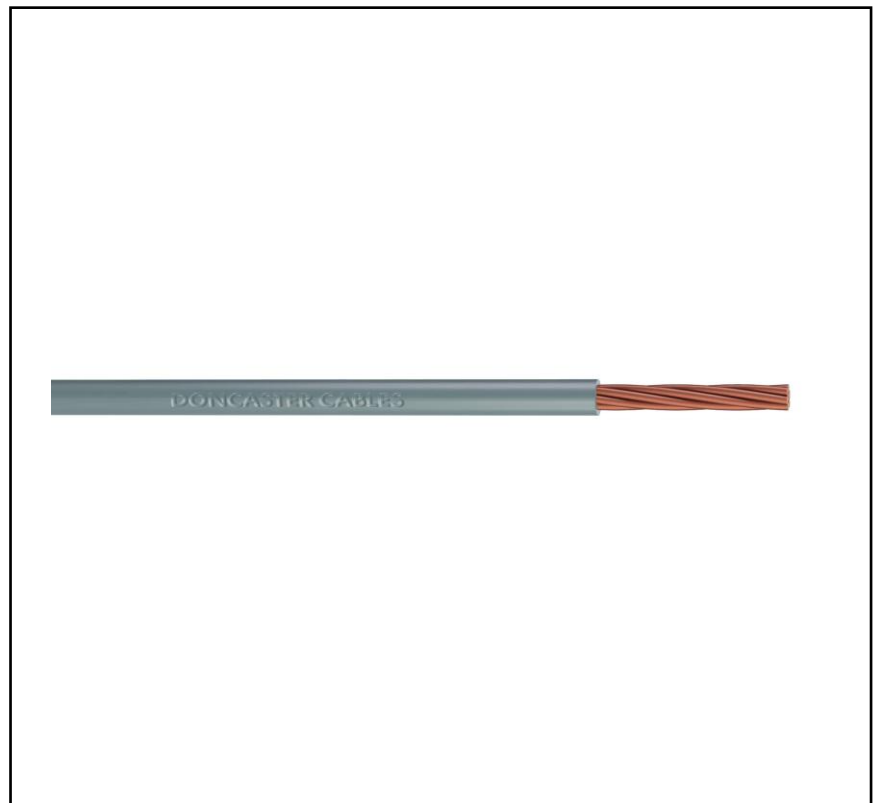


## FEATURES

- For use in semi flush exposed and embedded conduits, closed installation ducts
- Ideal for internal wiring appliances
- PVC insulation
- Class 2 stranded copper conductor

# RS PRO Single Core Conduit Cable – 6491X

RS Stock No:239-8430



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

### Product Description

*These cables are designed to be used in installations where smoke and acid gas emission would pose a major hazard in the event of a fire. They are intended for installation in surface mounted or embedded conduits, or similar closed systems. These cables are suitable for use in channels with cover. Suitable for fixed protected installation in or on light fittings and inside applications, switch gear and control gear, for voltages up to 750V a.c or up to 450V to earth d.c*

### General Specifications

<b>Type</b>	6491X
<b>Harmonised Code</b>	H07V-U / H07V-R
<b>Cable Shape</b>	Single core
<b>Sheath Material</b>	PVC Type TI1 to BS EN 50363-3
<b>Sheath Colour</b>	Grey
<b>Cable End Type</b>	Bare
<b>Applications</b>	Suitable for fixed protected installation in or on light fittings and inside applications, switchgear and controlgear, for voltages up to 750V a.c or up to 450V to earth d.c

### Electrical Specifications

<b>Current Rating</b>	For current ratings refer to table 4D1 of BS7671 IET Wiring Regulations
<b>Voltage Rating</b>	450/750V
<b>Insulation Material</b>	PVC Type TI1 to BS EN 50363-3
<b>Conductor Material</b>	Plain Annealed Copper Class 1 or 2 to BS EN 60228

### Mechanical Specifications

<b>Length</b>	100m
<b>Cross Sectional Area</b>	4.0mm <sup>2</sup>
<b>Outer Diameter</b>	4.6mm
<b>Number of Cores</b>	1
<b>Number of Strands</b>	7
<b>Size of Strands</b>	0.85mm
<b>Core Strands</b>	7/0.85mm
<b>Conductor Strand Type</b>	Stranded
<b>Insulation Radial Thickness</b>	0.8mm
<b>Cable Weight</b>	50kg/km

### Operation Environment Specifications

<b>Operating Temperature Range</b>	-15°C to 70°C
<b>Minimum Operating Temperature</b>	-15°C
<b>Maximum Operating Temperature</b>	70°C

### Approvals

<b>Standards Met</b>	BS EN 50525-2-31 Clause 4.1, Table B.1
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