

## 25 CU PVC 0.75kV 6491X H07V-R GRN/YEL

6491X. PVC Conduit Wire. BS 6004. 450/750 V



Prysmian 6491X is a single core, low voltage wiring cable designed for installation within conduit, trunking or inside fixed protected environments

### KEY APPLICATIONS

Installation in surface mounted or embedded conduits, or similar closed systems and for fixed protected installation in or on lighting fittings and inside appliances, switch gear and control gear.

Green/Yellow for use as earth can be installed without mechanical protection.

### FEATURES AND BENEFITS

- Manufactured under ISO 9001 Quality management systems

### STANDARDS



BS EN 50525-2-31  
BS EN 60332-1-2

Construction Standard  
Flame Propagation - Single Cable

### CONSTRUCTION

Conductor material	Copper
Conductor surface	Bare
Core insulation material	Polyvinyl chloride (PVC)

## APPLICATIONS PROPERTIES

Nominal voltage U0 [V]	450
Nominal voltage U [V]	750
Flame retardant	In accordance with BS EN 60332-1-2
Max. conductor temperature [°C]	70
Min. Operation temperature [°C]	-15
Min. Installation temperature [°C]	0
Max. Installation temperature [°C]	60
Bending radius (rule)	6D

## COLOURS

A range of insulation colours are available, including green/yellow

## CURRENT RATINGS

Refer to table 4D1 of BS 7671 Requirements for Electrical Installations. IET Wiring Regulations

## TECHNICAL DATA

Nominal cross section conductor [mm <sup>2</sup> ]	25
Conductor category	Class 2 = stranded
Nominal thickness insulation [mm]	1.2
Nominal outer diameter [mm]	8.3
Cable weight [kg/km]	255
Conductor resistance at 20° C [Ohm/km]	0.727

\*The embodied carbon figure is taken from a single product in the range, for more information on how we calculate our embodied carbon figure visit here: <https://uk.prysmiangroup.com/embodied-carbon>