

**2491X Single Core Copper PVC Insulated Flexible Cable**

**SPECIFICATIONS AND STANDARDS:**

1. BS 6004:2000.
2. Harmonised Type: H05V-K (Sizes 0.5mm - 1.0mm) 300/500V;  
H07V-K (Sizes 1.5mm upwards) 450/750V;

**APPLICATIONS:**

2491X cable is a Flexible PVC cable used for switch control in relay and instrumentation panels of power switchgear and is used for purposes such as internal connectors in rectifier equipment, motor starters and controllers.

**CONSTRUCTION:**

- 1). Plain annealed Class 5 Copper conductor
- 2). PVC Insulation
- 3). Temperature Rating: 70°C
- 4). Voltage Rating: H05V-K for 300V ac and 500V dc / H07V-K for 450V ac and 750V dc

**Technical Parameter of PVC Insulated Flexible Cable:**

Size of conductor		Nominal thickness of insulation mm	Mean overall diameter Upper limit mm	Approx. net weight per kg/km
Nominal cross-sectional area mm <sup>2</sup>	Number and diameter of wire no/mm			
0.5	16/0.20	0.6	2.6	10
0.75	24/0.20	0.6	2.8	13
1.0	32/0.20	0.6	3.0	16
1.5	30/0.25	0.7	3.5	20
2.5	50/0.25	0.8	4.2	32
4.0	56/0.30	0.8	4.8	49
6.0	84/0.3	0.8	5.3	47
10.0	80/0.4	1.0	6.8	65
16.0	126/0.4	1.0	8.1	87
25.0	196/0.4	1.2	10.2	114