



## 6491X H07V-R Cable 450/750V

Plain annealed stranded copper conductor, PVC insulated, 450/750 volts grade to BS EN 50525-2-31

(where applicable) DIN VDE 0281-3

<b>Applications:</b>	Lighting fittings and inside appliances
<b>Conductor stranding:</b>	Class 2 stranded circular or circular compacted
<b>Operating temperature:</b>	Maximum 70°C Minimum bending 0°C
<b>Minimum bending radius:</b>	Diameter up to 10mm      3 x overall diameter Diameter 10-25mm      4 x overall diameter Diameter above 25mm      5 x overall diameter



For current rating information, refer to Table 4D1A

Size sq mm	Class off conductor	Max diameter over conductor mm	RT of insulation	Nominal overall diameter mm	Weight kg/km
1.5	2	1.59	0.7	3.0	21
2.5	2	2.01	0.8	3.7	34
4	2	2.55	0.8	4.2	51
6	2	3.12	0.8	4.8	71
10	2	4.05	1.0	6.1	120
16	2	5.10	1.0	7.1	180
25	2	6.42	1.2	8.9	285
35	2	7.65	1.2	10.1	380
50	2	8.90	1.4	11.8	510
70	2	10.70	1.4	13.6	715
95	2	12.60	1.6	15.9	990
120	2	14.21	1.6	17.5	1230
150	2	15.75	1.8	19.4	1510
185	2	17.64	2.0	21.7	1900
240	2	20.25	2.2	24.5	2490
300	2	22.68	2.4	27.5	3050
400	2	25.65	2.6	30.9	3900
500	2	28.80	2.8	34.5	4880
630	2	32.76	2.8	38.4	6210

### BATT PART NUMBER TABLE

#### Conductor size mm

Colour	1.5	2.5	4.0	6.0	10	16	25	35	50	70
Red	16048	16067	16083	16101	16110	16120	16136	16144	16153	16162
Black	16050	16068	16084	16102	16112	16121	16138	16145	16154	16163
Grn/Yellow	16060	16078	16093	16109	16119	16128	16143	16152	16160	16167
Blue	16052	16071	16090	16105	16114	16126	16141	16149	16156	16164
Yellow	16057	16070	16088	16104	16116	16123	16140	16148	16155	16165
Brown	16054	16075	16091	16107	16117	16124	16139	16495	16496	16497
White	16053	16072	16085	16103	16115	16125	-	-	-	-
Orange	16051	16069	16089	16464	16113	-	-	-	-	-
Grey	16056	16076	16087	16106	16508	16509	16489	16490	16491	16492
Green	16059	16077	16092	16108	16118	16127	16142	-	16159	16131
Pink	16002	16073	-	-	-	-	-	-	-	-
Violet	16055	16074	16086	16462	-	-	-	-	-	-

#### Conductor size mm

	95	120	150	185	240	300	400	500	630
Red	16169	16177	16183	16189	16195	16202	16209	16214	16452
Black	16171	16178	16184	16190	16196	16203	16210	16216	16218
Grn/Yellow	16176	16182	16188	16194	16201	16208	16213	16465	16457
Blue	16173	16179	16186	16191	16197	16208	16212	-	-
Yellow	16174	16180	16185	16192	16198	16204	-	-	-
Grey	16493	16618	16620	16494	16688	-	-	-	-
Brown	16498	16617	16619	16499	16687	-	-	-	-

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