



2491X PVC H07V-K Cable 450/750V

Application:	Internal equipment wire. Also used in instrumentation panels of power switchgear
Conductor:	Plain annealed flexible copper
Sheath:	PVC (Polyvinyl chloride)
Operating temperature:	Maximum 70°C, Minimum bending 0°C
Voltage:	450/750V
Standards:	BS EN 50525-2-31 & UV resistant



Size sqmm	RT on insulation mm	Approx conductor dia mm	Nom overall dia mm	Weight kg/km	Electrical resistance at 20°C OHM/KM	Insulation resistance min at 70°C OHM/KM	Current carrying capacity at 30°C in air or pipe
1.5	0.7	1.6	3.1	21	13.3	0.01	15.5
2.5	0.8	2.0	3.75	33	7.98	0.009	21
4	0.8	2.6	4.4	48	4.95	0.007	28
6	0.8	3.4	4.9	66	3.3	0.006	36
10	1.0	4.4	6.4	112	1.91	0.0056	50
16	1.0	5.7	7.4	167	1.21	0.0046	68
25	1.2	6.9	9.1	254	0.78	0.0044	89
35	1.2	8.1	10.35	340	0.554	0.0038	110
50	1.4	9.8	12.4	485	0.386	0.0037	154
70	1.4	11.6	13.6	674	0.272	0.0032	171
95	1.6	13.3	15.8	894	0.206	0.0032	207
120	1.8	15.1	17.4	1110	0.161	0.0029	239

Part Number Table

	1.5	2.5	4.0	6.0	10	16	25	35	50	70	95	120
Blue	37497	37247	37360	37400	37406	-	-	37516	-	-	-	-
Brown	37494	37250	37366	37402	37407	-	-	-	-	-	-	-
Red	37493	37053	37066	37498	37499	-	-	37515	-	-	-	-
Grey	37046	37059	-	-	-	-	-	-	-	-	-	-
Black	37495	37234	37067	37398	37403	37408	37416	37418	37210	37219	-	-
Green/Yellow	37496	37065	37073	37380	37106	37154	37174	37175	37203	37641	37489	37241
Yellow	37047	37058	37071	-	-	-	-	-	-	-	-	-
White	37045	37060	37069	37644	-	-	-	-	-	-	-	-
Green	37051	37063	37072	-	-	-	-	-	-	-	-	-
Violet	37050	37062	-	-	-	-	-	-	-	-	-	-
Pink	37048	37055	-	-	-	-	-	-	-	-	-	-
Orange	37049	37061	-	-	-	-	-	-	-	-	-	-