

## 2491X SINGLE CORE PVC FLEXIBLE HO7V-K

Flexible plain annealed copper conductor, PVC insulated to BS6004 (HO7V-K) (450/750 volt grade).

### DIN VDE 0281-3

SIZE SQ.MM	CLASS OF CONDUCTOR	RT OF INSULATION MM	APPROX CONDUCTOR DIAMETER MM	NOMINAL OVERALL DIAMETER MM	WEIGHT KG/KM	ELECTRICAL RESISTANCE AT 20 DEG C OHM/KM	INSULATION RESISTANCE MIN AT 70 DEG C OHM/KM	CURRENT CARRYING CAPACITY AT 30 DEG C IN AIR OR PIPE
1.5	5	0.7	1.6	3.1	21	13.3	0.01	15.5
2.5	5	0.8	2.0	3.75	33	7.98	0.009	21
4	5	0.8	2.6	4.4	48	4.95	0.007	28
6	5	0.8	3.4	4.9	66	3.3	0.006	36
10	5	1.0	4.4	6.4	112	1.91	0.0056	50
16	5	1.0	5.7	7.4	167	1.21	0.0046	68
25	5	1.2	6.9	9.1	254	0.78	0.0044	89
35	5	1.2	8.1	10.35	340	0.554	0.0038	110
50	5	1.4	9.8	12.4	485	0.386	0.0037	154
70	5	1.4	11.6	13.6	674	0.272	0.0032	171
95	5	1.6	13.3	15.8	894	0.206	0.0032	207
120	5	1.6	15.1	17.4	1110	0.161	0.0029	239

BATT PART NUMBER TABLE												
	Conductor Size MM											
Colour	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	37063	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	37073									
Pink	37048	37055										
Orange	37049	37061										

**Conductor Stranding:** Class 5 Flexible

**Operating temperature:** Maximum 70°C Minimum flexing 0°C

**Applications:** suitable for installations in signalling & control circuits

For current ratings refer Table 4H3A (16th Edition) Table 4F3A (17th Edition)

Other colours available, details on request.



[battindustrial.sales@batt.co.uk](mailto:battindustrial.sales@batt.co.uk)