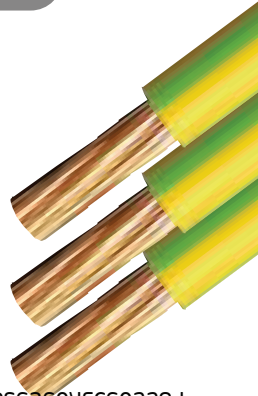


# Single Core PVC Insulated Wires



## Application

These cables are intended for drawing into trunking & conduit and are suitable for use in electrical installation such as power, lighting, appliances & switchgear wiring.

## Harmonised Code

0.75mm & 1.0mm solid conductor wire H05Z-U  
 1.5mm & 2.5mm solid conductor wire H07Z-U  
 1.5mm to 120mm stranded conductor wire H07Z-R

## Construction

Reference : 6491 X or 6491 X HR  
 Conductor : solid or stranded plain copper class I or 2 to BS6360/IEC60228-I  
 Insulation : PVC Type TII to BS7655, PVC Type TI 3 HR to BS7655

## Standard Colours

Colours : Red, yellow, Blue, Black, Green, yellow/Green  
 Brown, Grey, Other colours available on request

## Packaging

Size 0.75mm to 35mm in reels/coils of 100yards and 100m  
 All sizes can be supplied in non-returnable wooden reels of 500m and 1000m  
 Customised lengths available on request

## Technical Data

Max. Operating Temperature : 70C\105C  
 Rated Voltage : 450\750V (300\500V for 0.75mm & 1.0mm)  
 Standards : Generally to BS6004

Nominal Cross-Sectional Area	Conductor			Radial Thickness of Insulation	Approx. overall Diameter	Approx. Nett Weight	Approx. Current Carrying Capacity	Product Code
	Number of strands	Diameter of strand	Max. Resistance at 20 C					
0.75	1	0.98	24.50	0.6	2.40	11	10	JSC00.75
1.00	1	1.13	18.10	0.6	2.60	14	12	JSC0 1.0
1.50	1	1.38	12.10	0.7	3.20	21	16	JSC01.5
1.50	7	0.53	12.10	0.7	3.30	22	16	JSC1.5
2.50	1	1.78	7.410	0.8	3.90	32	21	JSC02.5
2.50	7	0.67	7.410	0.8	4.00	35	21	JSC2.5
4.00	7	0.85	4.610	0.8	4.60	50	28	JSC4.0
6.00	7	1.04	3.080	0.8	5.20	71	36	JSC6.0
10.0	7	1.35	1.830	1.0	6.70	120	50	JSC10.0
16.0	7	1.70	1.150	1.0	7.80	180	68	JSC16.0
25.0	7	2.14	0.727	1.2	9.70	280	89	JSC25.0
35.0	7	2.52	0.524	1.2	10.90	380	110	JSC35.0
50.0	19	1.83	0.387	1.4	12.80	510	134	JSC50.0
70.0	19	2.17	0.268	1.4	14.60	710	171	JSC70.0
95.0	19	2.52	0.193	1.6	17.10	970	207	JSC95.0
120.0	37	2.04	0.153	1.6	18.80	1200	239	JSC120.0
150.0	37	2.25	0.124	1.8	20.90	1480	262	JSC150
185.0	37	2.52	0.0991	2.0	23.30	1900	296	JSC185.0
240.0	61	2.24	0.0754	2.0	26.60	2480	346	JSC240.0
300.0	61	2.50	0.0601	2.2	29.60	3100	394	JSC300.0
400.0	61	2.85	0.0470	2.6	33.20	3940	467	JSC400.0
500.0	91	2.65	0.0366	2.8	36.90	5000	533	JSC500.0
630.0	91	2.97	0.0283	2.8	41.10	6350	611	JSC630.0

