

Product Specification

## PVC INSULATED CABLES

### CONSTRUCTION

- CONDUCTOR** : Plain annealed copper conductor, class 2 or class 1  
**INSULATION** : PVC compound, 70°C  
**COLOUR OF INSULATION** : Red, Yellow, Blue, Black, Green, White, Brown, Grey or Other Colours.



**Cu / Pvc - 1 Core**

Nominal cross-sectional area	Construction, number / wire diameter	Thickness of insulation	Approx. overall diameter	Approx. net weight
sq.mm	No./mm	mm	mm	kg/km
<b>Class 2 Conductor</b>				
<b>MS 2112-3 / MS 136 / BS 6004 / SS 358-3 / SNI 04-6629.3</b>				
<b>450 / 750 V</b>				
1.0	7/0.43	0.6	2.5	14
1.5	7/0.53	0.7	3.0	22
2.5	7/0.67	0.8	3.6	35
4	7/0.85	0.8	4.1	51
6	7/1.04	0.8	4.8	72
10	7/1.35	1.0	6.0	120
16	7/1.70	1.0	7.0	180
25	7/2.14	1.2	8.5	283
35	19/1.53	1.2	9.6	380
50	19/1.78	1.4	11.0	515
70	19/2.14	1.4	12.8	720
95	19/2.52	1.6	14.6	995
120	37/2.03	1.6	16.7	1230
150	37/2.25	1.8	18.5	1520
185	37/2.52	2.0	20.7	1900
240	61/2.25	2.2	23.4	2500
300	61/2.52	2.4	26.0	3130
400	61/2.85	2.6	29.5	3950
500	61/3.20	2.8	33.0	4960
630	61/3.63	2.8	37.4	6330
<b>BS 6231</b>				
<b>600 / 1000 V</b>				
1.5	7/0.53	0.8	3.0	25
2.5	7/0.67	0.8	3.6	35
4	7/0.85	0.8	4.1	51
6	7/1.04	0.8	4.8	72

<b>Class 1 Conductor</b>				
<b>SNI 04-6629.3 / MS 136 / BS 6004 / SS 358-3</b>				
<b>600 / 1000 V</b>				
1.5	1/1.38	0.7	2.8	21
2.5	1/1.78	0.8	3.4	33
4	1/2.25	0.8	3.9	48
6	1/2.76	0.8	4.4	68