

## PVC-Insulated Cables

600/1000V Multi-Core  
 PVC Insulated, Unarmoured & Armoured,  
 PVC Sheathed Auxiliary Cable



Application :	The auxiliary cable is used in supervisory electrical equipment and station control circuits, in light, ordinary or heavy duty industry where power distribution device is needed to transmit control signals or measure signal operations.
Voltage rating :	600/1000V
Construction :	Plain annealed copper, PVC insulated, unarmoured or galvanized steel wires armoured, PVC sheathed cable
Insulation colour :	White (with black numbering)
Sheath colour :	Black
Specification :	BS6346

No. of Core	Conductor		Insulation Thickness mm	Unarmoured Cable		Armoured Cable	
	Nominal Area	No./Dia. Of Strand		Approx. Overall Dia.	Approx. Cable Weight	Approx. Overall Dia.	Approx. Cable Weight
	mm <sup>2</sup>	No./mm		mm	kg/km	mm	kg/km
5	1.5	7/0.53	0.6	12.6	230	15.0	420
7				14.0	280	16.8	470
10				16.6	390	21.0	730
12				17.2	435	21.3	780
19				20.1	635	23.2	1110
27				23.4	870	29.1	1500
37				26.9	1100	29.9	1830
48				29.4	1360	33.9	2290
5	2.5	7/0.67	0.7	13.8	300	17.0	500
7				14.2	390	18.0	600
10				17.3	540	21.9	930
12				18.9	600	22.4	960
19				22.9	890	26.6	1570
27				27.1	1230	30.7	2000
37				30.1	1600	34.0	2500
48				36.3	2200	39.5	3400
5	4	7/0.85	0.8	15.4	400	19.0	750
7				17.1	530	20.5	900
10				20.4	720	26.1	1400
12				21.9	845	26.8	1530
19				25.8	1200	30.5	2050
27				31.7	1800	37.1	3000

**Current rating and voltage drop**  
 For Unarmoured Cable, please refer to Tables 14 & 15 (Page 51)  
 For Armoured Cable, please refer to Tables 16 & 17 (Page 52)