

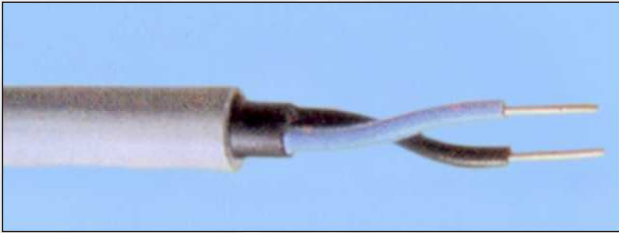


-the nation's live wire-

GENERAL WIRING CABLES (Cont'd)

600/1000V Cables For Surface Wiring (continued)

CIRCULAR TWO CORE, THREE CORE AND FOUR CORE PVC-INSULATED, PVC-SHEATHED 600/1000V CABLES (VVR)



Specification: BS 6004

Construction: plain annealed-copper solid or stranded conductor with PVC insulation; two, three or four cores twisted with suitable filler to make cable circular, then covered with PVC sheath.

Colours of core identification:

Two core: red and black

Three core: red, yellow and blue

Four core: red, yellow, blue and black

Colour of Sheath: grey

Application: general fixed wiring in house, buildings, and factories

Number of cores	Conductor		Radial thickness of insulation mm	Radial thickness of sheath mm	Overall dimensions mm	Maximum DC resistance per km at 20°C ohm	Approximate mass per km kg	Standard unit length m
	Nominal cross sectional area mm ²	Number and nominal diameter of wires mm						
2	1.0	1/1.13	0.6	1.2	6.7	18.1	64	100
	1.5	1/1.38	0.7	1.2	8.4	12.1	79	100
	2.5	1/1.78	0.8	1.2	9.6	7.28	115	100
	4	7/0.85	0.8	1.2	10.7	4.61	183	100
	6	7/1.04	0.8	1.2	12.0	3.08	247	100
3	1.0	1/1.13	0.6	1.2	7.1	18.1	77	100
	1.5	1/1.38	0.7	1.2	7.6	12.1	96	100
	2.5	1/1.78	0.8	1.2	9.1	7.28	145	100
	4	7/0.85	0.8	1.2	11.5	4.61	230	100
	6	7/1.04	0.8	1.4	12.8	3.08	313	100
4	1.0	1/1.13	0.6	1.2	7.7	18.1	93	100
	1.5	1/1.38	0.7	1.2	8.3	12.1	118	100
	2.5	1/1.78	0.8	1.2	10.0	7.28	178	100
	4	7/0.85	0.8	1.4	12.6	4.61	290	100
	6	7/1.04	0.8	1.4	14.2	3.08	395	100

See page 7 for current - carrying capacities and associated voltage drops for VVR

