



Signal Cable Type B

Application:	Network Rail signal cable type B to
Conductor:	Tinned annealed copper conductor
Insulation:	EPR (Ethylene Propylene rubber) with type G4 properties
Core identification:	2 core: Black & red Multicore: black with numerals in contrasting colour
Sheath:	HDPCP (Heavy duty polychloroprene)
Sheath colour:	Black
Operating temperature:	Maximum 80°C, Minimum bending -30°C
Voltage:	650/1100v
Standards:	Network Rail signalling cable to NR/PS/SIG/0005, BS7655, BS6360



Size sq.mm	Number of cores	Nominal diameter of conductor mm	Maximum diameter of conductor mm	Maximum conductor resistance ohms/km	Nominal insulation thickness mm	Minimum insulation resistance at 20°C Mohm/km	Sheath radial thickness mm	Minimum overall diameter mm	Maximum overall diameter mm	Weight kg/km
0.75	7	1.11	1.2	24.8	0.85	900	2.0	11.8	14.7	
0.75	12	1.11	1.2	24.8	0.85	900	2.0	14.8	18.5	325
0.75	37	1.11	1.2	24.8	0.85	900	2.2	22.7	28.4	820
0.75	48	1.11	1.2	24.8	0.85	900	2.2	25.7	32.2	1022
1.5	19	1.59	1.7	12.2	0.80	700	2.0	18.5	23.1	655
1.5	37	1.59	1.7	12.2	0.80	700	2.2	25.1	31.4	1170
2.5	2	2.01	2.2	7.56	0.80	550	2.0	10.5	13.1	191
2.5	7	2.01	2.2	7.56	0.80	550	2.0	13.8	17.2	381
2.5	12	2.01	2.2	7.56	0.80	550	2.0	17.6	22.0	577
2.5	19	2.01	2.2	7.56	0.80	550	2.0	20.4	25.5	865
2.5	37	2.01	2.2	7.56	0.80	550	2.4	27.8	34.7	1590
16	2	5.1	5.1	1.16	1.0	300	2.0	16.7	20.9	625
70	2	10.7	10.7	0.27	1.4	200	2.4	28.8	36.0	1620
95	2	12.6	12.6	0.195	1.6	200	2.6	33.2	41.5	1960

Conductor size sq.mm	Number of cores	Rail catalogue number	BATT part number
0.75	2	-	-
0.75	19	-	-
0.75	37	6/102105	22090
0.75	48	6/120108	20005
1.5	2	-	-
1.5	19	6/102100	20007
1.5	37	-	-
1.5	48	6/120107	20016
2.5	2	-	-
2.5	19	6/120101	20011
2.5	37	6/120107	20008
2.5	48	-	-
95	2	6/120086	20004
95	19	-	-
95	37	-	-
95	48	-	-