



Type B2 – Railway Signalling Cable to NR/PS/0005

Tinned annealed copper conductors to BS6360/EPR insulation with type GP4 properties to BS7655/HDPCP (Heavy Duty Poly Chloroprene) black sheath 650/1100V

Conductor identification: Two core: 1 red, 1 black
 Multicore: Black with numerals and words in contrasting colour

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

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

