

TECHNICAL DATA SHEET

NR/PS/SIG/00005 TYPE B2

Manufacturing Standard

NR/PS/SIG/00005

Flame Propagation

BS EN/IEC 60332-1-2

Applications

Heavy duty EPR Insulated, PCP Sheathed Multicore Signalling Cables.



Construction

- Class 2 Annealed Flexible Copper Conductor to BS EN60228
- Ethylene Propylene Rubber (EPR) Insulated
- Polychloroprene (PCP Sheathed)

Core Identification Black cores with White printed numbers

Sheath Colour Black

Voltage Rating 650/1100V

Operating Temp -25°C to +85°C

TECHNICAL DATA

Network Rail PADS/No.	No of Cores & Nominal Cross Sectional Area of Conductor	Minimum Overall Diameter	Maximum Overall Diameter	Maximum DC Conductor Resistance @ 20°C	Approximate Cable Weight
	mm ²	mm	mm	Ω/Km	Kg/Km
006/161004	2 x 1.00	9.90	13.00	18.20	240
006/120081	2 x 1.50	9.40	12.10	12.20	151
006/120082	2 x 2.50	10.50	13.10	7.56	187
006/161005	2 x 4.00	13.20	16.30	4.70	267
006/120083	2 x 10	15.00	18.70	1.84	448
006/120113	2 x 16	16.70	20.90	1.16	630
006/120084	2 x 35	22.30	27.80	0.53	1520
006/120085	2 x 70	29.80	36.00	0.27	1904
006/120086	2 x 95	33.20	41.50	0.20	2885
006/161008	3 x 10	17.30	20.70	1.84	525
006/161009	3 x 16	19.80	23.20	1.16	770
006/120087	4 x 0.75	10.20	12.80	24.80	173
006/120088	4 x 1.50	10.90	13.70	12.20	220
006/120089	4 x 2.50	11.90	14.80	7.56	264
006/120090	7 x 0.75	11.80	14.70	24.80	240
006/120091	7 x 1.50	12.60	15.80	12.20	305
006/120092	7 x 2.50	13.80	17.20	7.56	390
006/120093	10 x 0.75	14.40	18.00	24.80	345
006/120094	10 x 1.50	15.60	19.40	12.20	405
006/120095	10 x 2.50	17.10	21.30	7.56	565
006/120096	12 x 0.75	14.80	18.50	24.80	350
006/120097	12 x 1.50	16.00	20.00	12.20	465
006/120098	12 x 2.50	17.60	22.00	7.56	570
006/120099	19 x 0.75	17.00	21.30	24.80	490
006/120100	19 x 1.50	18.50	23.10	12.20	649
006/120101	19 x 2.50	20.40	25.50	7.56	886
006/120102	27 x 0.75	20.10	25.10	24.80	640
006/120103	27 x 1.50	22.20	27.80	12.20	880
006/120104	27 x 2.50	24.60	30.70	7.56	1225
006/120105	37 x 0.75	22.70	28.40	24.80	850
006/120106	37 x 1.50	25.10	31.40	12.20	1190
006/120107	37 x 2.50	27.80	34.70	7.56	1310
006/120108	48 x 0.75	25.70	32.20	24.80	1590
006/120109	48 x 1.50	28.10	35.10	12.20	1650
006/120110	48 x 2.50	31.20	39.00	7.56	1980
006/120111	6 x 2 x 0.75	19.70	24.60	24.80	465
006/120114	6 x 2 x 2.50	23.70	29.60	12.20	570