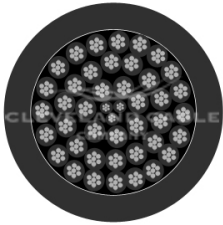


RAILWAY SIGNALLING CABLES TYPE A&B



APPLICATION

Signalling cable specially manufactured for Network Rail against their specification NR/PS/SIG/00005, formerly RT/E/PS/00005.

CABLE STANDARDS

Conductor to BS EN 60228
(previously BS 6360)

EPR Insulation to BS7655-3-2

Network Rail Specification
NR/PS/SIG/00005

CONSTRUCTION

Conductor: Flexible tinned or stranded copper conductor to BS EN 60228 (previously BS 6360)

Insulation: Ethylene Propylene Rubber (EPR)

Sheath:

Type B1 & B2: Heavy duty PCP RS2

Type A1 - A3: Low Smoke Zero Halogen (LSZH)

Sheath Colour: ■ Black

CHARACTERISTICS

Voltage Rating: 650/1100 Volts

Temperature Rating: Fixed: -25°C to +85°C

CORE IDENTIFICATION

1-48 black cores with white numbers

Should not be installed at temperatures below 0°C or above +60°C

RAILWAY SIGNALLING CABLES TYPE A&B - DIMENSIONS

CCC CODE	NR CODE	RAIL TYPE	CONDUCTOR SIZE (MM ²)	STRANDING (MM)	NO OF CORES	WEIGHT (KG/KM)	OVERALL DIAMETER (MM)	GLAND SIZE
A11X/75BR	6/120002	A1 Brown	0.75	7/0.37	1	16	2.95	N/A
A11X/75RD	6/120003	A1 Red	0.75	7/0.37	1	16	2.95	N/A
A11X/75OR	6/120004	A1 Orange	0.75	7/0.37	1	16	2.95	N/A
A11X/75GY	6/120005	A1 Grey	0.75	7/0.37	1	16	2.95	N/A
A11X/75VIR	6/120006	A1 Violet	0.75	7/0.37	1	16	2.95	N/A
A11X/75BK	6/120007	A1 Black	0.75	7/0.37	1	16	2.95	N/A
A11X115BK	6/120008	A1 Black	1.15	16/0.30	1	20	3.25	N/A
A21X/75	6/120020	A2	0.75	7/0.37	1	30	4.5	N/A
A21X115	6/120024	A2	1.15	16/0.30	1	35	4.8	20/16
A32X/75	6/120040	A3	0.75	7/0.37	2	67	7.75	20/16
A34X/75	6/120041	A3	0.75	7/0.37	4	108	9.2	20S
A36X/75	6/120042	A3	0.75	7/0.37	6	160	11.1	20S
A310X/75	6/120043	A3	0.75	7/0.37	10	259	14.35	25
A314X/75	6/120044	A3	0.75	7/0.37	14	495	15.75	25
A336X/75	6/120045	A3	0.75	7/0.37	36	752	24.2	32
A348X/75	6/120046	A3	0.75	7/0.37	48	963	27.5	40
B11X2/5	6/120061	B1	2.5	7/0.67	1	34	8.05	20/16
B11X10	6/120062	B1	10	7/1.35	1	205	10.6	20S
B11X35	6/120063	B1	35	19/1.53	1	495	14.5	25
B22X1/5	6/120081	B2	1.5	7/0.53	2	135	10.75	20S
B22X2/5	6/120082	B2	2.5	7/0.67	2	170	11.8	20
B22X10	6/120083	B2	10	7/1.35	2	443	16.85	25
B22X16	6/120113	B2	16	7/1.70	2	625	18.8	25
B22X35	6/120084	B2	35	19/1.53	2	1232	25.05	32
B22X70	6/120085	B2	70	19/2.14	2	2043	28.8	75
B22X95	6/120086	B2	95	19/2.52	2	2945	33.2	90
B24X/75	6/120087	B2	0.75	7/0.37	4	150	11.5	20S
B24X1/5	6/120088	B2	1.5	7/0.53	4	220	12.3	20
B24X2/5	6/120089	B2	2.5	7/0.67	4	295	13.35	20
B24X10	-	B2	10	7/1.35	4	675	19	32
B27X/75	6/120090	B2	0.75	7/0.37	7	225	13.25	20
B27X1/5	6/120091	B2	1.5	7/0.53	7	370	14.2	25
B27X2/5	6/120092	B2	2.5	7/0.67	7	500	15.5	25
B210X/75	6/120093	B2	0.75	7/0.37	10	280	16.2	25

CCC CODE	NR CODE	RAIL TYPE	CONDUCTOR SIZE (MM ²)	STRANDING (MM)	NO OF CORES	WEIGHT (KG/KM)	OVERALL DIAMETER (MM)	GLAND SIZE
B210X1/5	6/120094	B2	1.5	7/0.53	10	401	17.5	25
B210X2/5	6/120095	B2	2.5	7/0.67	10	680	19.2	25
B212X/75	6/120096	B2	0.75	7/0.37	12	321	16.65	25
B26PX/75	6/120111	B2	0.75	7/0.37	6pr	469	22.15	32
B212X1/5	6/120097	B2	1.5	7/0.53	12	410	18	25
B212X2/5	6/120098	B2	2.5	7/0.67	12	730	19.8	25
B219X/75	6/120099	B2	0.75	7/0.37	19	25	19.15	25
B219X1/5	6/120100	B2	1.5	7/0.53	19	615	20.8	32
B219X2/5	6/120101	B2	2.5	7/0.67	19	815	22.95	32
B227X/75	6/120102	B2	0.75	7/0.37	27	606	22.6	32
B227X1/5	6/120103	B2	1.5	7/0.53	27	897	25	32
B227X2/5	6/120104	B2	2.5	7/0.67	27	1200	27.65	40
B237X/75	6/120105	B2	0.75	7/0.37	37	786	22.6	32
B237X1/5	6/120106	B2	1.5	7/0.53	37	1126	28.25	40
B237X2/5	6/120107	B2	2.5	7/0.67	37	1600	31.25	40
B248X/75	6/120108	B2	0.75	7/0.37	48	972	28.95	40
B248X1/5	6/120109	B2	1.5	7/0.53	48	1280	31.6	40
B248X2/5	6/120110	B2	2.5	7/0.67	48	1960	35.1	50

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