Railway Signalling Cable - Type A & B - LSZH, EPR, PCP - 0.75mm² to 95mm²



Description

Railway Signalling Cable to various specifications and many purposes within the rail network.

Stranded or flexible tinned copper conductors to BS6360,
EPR insulated to BS7655-2.3 for types B1,
LSZH insulated for types A1, A2, A3.
Heavy duty PCP RS2 sheath for types A1 & B1,
LSZH sheath for types A2 & A3.

Manufactured to Network Rail specification NR/PS/SIG/00005.

Key Features

Voltage Rating
650V / 1.1kV

Minimum Bending Radius
Fixed: 6 x overall diameter
Flexing: 8 x overall diameter

Flame Retardancy
BS EN 60332-1-2

Temperature Limits
Temperature Range: -25°C to +85°C

Core Colours

1-48 Black cores with White numbers

Standards

- LSZH Insulation to BS/EN 61034-1/2 and BS EN/ IEC 60754-1/2
- EPR Insulation to BS7655-3-2
- BS EN/IEC 60228
- Network Rail Specification NR/PS/SIG/00005

Construction

- **Conductor**: Class 2 stranded tinned copper
- **Insulation**: Type A: LSZH insulated
  Type B: EPR insulated to BS7655-2.3
- **Separator**: Type A: Polyester Tape (PET)
  Type B: None
- **Outer Sheath**: Types A1 & B: Heavy Duty Polychloroprene (HDPCP)
  Types A2 & A3: Low Smoke Zero Halogen (LSZH)
- **Sheath Colour**: Black

Training & Testing Lab

AN ISO/IEC 17025 ACCREDITED FACILITY

Cleveland Cable Test & Training Lab
Our state-of-the-art cable testing facility ensures that every cable meets the highest standards of quality and compliance through continuous, rigorous testing.

ISO/IEC 17025 Accredited Testing Laboratory
31196

CPR
Cleveland Cable Company is committed to compliance with the Construction Products Regulation (CPR). Where applicable, all cables manufactured after 1st July 2017 have been assessed in accordance with CPR requirements, with full supporting documentation available.

Our Sustainability Commitment

We are committed to the journey to Net Zero as a business partner, an employer and a community member.

By thinking and acting sustainably, we deliver excellent customer service while reducing carbon emissions in collaboration with our customers and suppliers.

ecovadis
Cleveland Cable Company has been independently assessed by EcoVadis, a globally recognised provider of business sustainability ratings. Our score places us among the top 35% of companies evaluated worldwide, reflecting our strong commitment to environmental, social, and ethical performance

Railway Signalling Cable - Type A & B - LSZH, EPR, PCP - 0.75mm² to 95mm² - Dimensions

Reference	Conductor Size (mm2)	No Of Cores	Stranding(mm)	Overall Diameter(mm)	Weight(Kg/Km)	Rail Type	Rail Code	Gland Size
A11X/75BU	0.75	1	7/0.37	2.95	16	A1 Blue	6/120001	NONE
A21X/75	0.75	1	7/0.37	4.5	30	A2	6/120020	NONE
A11X/75BK	0.75	1	7/0.37	2.95	16	A1 Black	6/120007	NONE
A11X/75VI	0.75	1	7/0.37	2.95	16	A1 Violet	6/120006	NONE
A11X/75GY	0.75	1	7/0.37	2.95	16	A1 Grey	6/120005	NONE
A11X/75OR	0.75	1	7/0.37	2.95	16	A1 Orange	6/120004	NONE
A11X/75RD	0.75	1	7/0.37	2.95	16	A1 Red	6/120003	NONE
A11X/75BR	0.75	1	7/0.37	2.95	16	A1 Brown	6/120002	NONE
A32X/75	0.75	2	7/0.37	7.75	67	A3	6/120040	20/16
B24X/75	0.75	4	7/0.37	11.5	155	B2	6/120087	20S
A34X/75	0.75	4	7/0.37	9.2	108	A3	6/120041	20S
B26PX/75	0.75	6	7/0.37	22.15	469	B2	6/120111	32
A36X/75	0.75	6	7/0.37	11.1	160	A3	6/120042	20S
B27X/75	0.75	7	7/0.37	13.25	225	B2	6/120090	20
B210X/75	0.75	10	7/0.37	16.2	280	B2	6/120093	25
A310X/75	0.75	10	7/0.37	14.35	259	A3	6/120043	25
B212X/75	0.75	12	7/0.37	16.65	321	B2	6/120096	25
A314X/75	0.75	14	7/0.37	15.75	495	A3	6/120044	25
B219X/75	0.75	19	7/0.37	19.15	425	B2	6/120099	25
B227X/75	0.75	27	7/0.37	22.6	606	B2	6/120102	32
A336X/75	0.75	36	7/0.37	24.2	752	A3	6/120045	32
B237X/75	0.75	37	7/0.37	22.6	786	B2	6/120105	32
B248X/75	0.75	48	7/0.37	28.95	972	B2	6/120108	40
A348X/75	0.75	48	7/0.37	27.5	963	A3	6/120046	40
A21X115	1.15	1	16/0.30	4.8	35	A2	6/120024	20/16
A11X115BK	1.15	1	16/0.30	3.25	20	A1 Black	6/120008	NONE
B22X1/5	1.5	2	7/0.53	10.75	135	B2	6/120081	20S
B24X1/5	1.5	4	7/0.53	12.3	220	B2	6/120088	20
B27X1/5	1.5	7	7/0.53	14.2	370	B2	6/120091	25
B210X1/5	1.5	10	7/0.53	17.5	401	B2	6/120094	25
B212X1/5	1.5	12	7/0.53	18	410	B2	6/120097	25
B219X1/5	1.5	19	7/0.53	20.8	615	B2	6/120100	32
B227X1/5	1.5	27	7/0.53	25	897	B2	6/120103	32
B237X1/5	1.5	37	7/0.53	28.25	1126	B2	6/120106	40
B248X1/5	1.5	48	7/0.53	31.6	1280	B2	6/120109	40
B11X2/5	2.5	1	7/0.67	8.05	34	B1	6/120061	20/16
B22X2/5	2.5	2	7/0.67	11.8	170	B2	6/120082	20

31196

Reference	Conductor Size (mm2)	No Of Cores	Stranding(mm)	Overall Diameter(mm)	Weight(Kg/Km)	Rail Type	Rail Code	Gland Size
B24X2/5	2.5	4	7/0.67	13.35	295	B2	6/120089	20
B27X2/5	2.5	7	7/0.67	15.5	500	B2	6/120092	25
B210X2/5	2.5	10	7/0.67	19.2	680	B2	6/120095	25
B212X2/5	2.5	12	7/0.67	19.8	730	B2	6/120098	25
B219X2/5	2.5	19	7/0.67	22.95	815	B2	6/120101	32
B227X2/5	2.5	27	7/0.67	27.65	1200	B2	6/120104	40
B237X2/5	2.5	37	7/0.67	31.25	1600	B2	6/120107	40
B248X2/5	2.5	48	7/0.67	35.1	1960	B2	6/120110	50S
B11X10	10	1	7/1.35	10.6	205	B1	6/120062	20S
B22X10	10	2	7/1.35	16.85	443	B2	6/120083	25
B24X10	10	4	7/1.35	19	675	B2	NONE	32
B22X16	16	2	7/1.70	18.8	625	B2	6/120113	25
B11X35	35	1	19/1.53	14.5	495	B1	6/120063	25
B22X35	35	2	19/1.53	25.05	1232	B2	6/120084	32
B22X70	70	2	19/2.14	64.8	2043	B2	6/120085	75
B22X95	95	2	19/2.52	74.7	2945	B2	6/120086	90

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