

# Railway Signalling Cable - Type C, D & E - LSZH, EPR, PCP - 0.75mm<sup>2</sup> to 35mm<sup>2</sup>



## Description

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

## Key Features



**Voltage Rating**  
650/1100 Volts



**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

- BS EN/IEC 60228
- BS EN/IEC 60332-1-2
- IEC/EN 60754-1/2
- Network Rail Specification NR/PS/SIG/00005

## Construction

- **Conductor:** Class 5 tinned copper
- **Insulation:** Ethylene Propylene Rubber (EPR)
- **Screen:** Aluminium tape screen complete with 0.5mm drain wire on Type C3/E3 only
- **Separator:** Polyester Tape (PET)
- **Outer Sheath:** Type C: Heavy Duty Polychloroprene (HDPCP)  
Type D & E: Low Smoke Zero Halogen (LSZH)
- **Sheath Colour:** Black

## QA Lab

### 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. Where applicable, cables are independently tested and certified by BASEC to ensure full compliance.



## 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

## ecovadis

## Railway Signalling Cable - Type C, D & E - LSZH, EPR, PCP - 0.75mm<sup>2</sup> to 35mm<sup>2</sup> - Dimensions

Reference	Conductor Size (mm <sup>2</sup> )	No Of Cores	Stranding(mm)	Overall Diameter(mm)	Weight(Kg/Km)	Rail Type	Rail Code	Gland Size
D11X/75	0.75	1	7/0.37	7.3	25	D1	6/120211	20/16
D227X/75	0.75	27	7/0.37	22.6	606	D2	6/120238	32
D237X/75	0.75	37	7/0.37	25.55	786	D2	6/120241	32
D248X/75	0.75	48	7/0.53	28.95	972	D2	6/120244	40
D11X1/5	1.5	1	70/0.53	7.65	30	D1	6/120212	20/16
D22X1/5	1.5	2	7/0.53	10.75	135	D2	6/120216	20S
D24X1/5	1.5	4	7/0.53	13.2	200	D2	6/120223	25
D27X1/5	1.5	7	7/0.53	15.8	370	D2	6/120228	25
D210X1/5	1.5	10	7/0.53	19.4	401	D2	6/120231	32
D212X1/5	1.5	12	7/0.53	17.3	410	D2	6/120234	32
D219X1/5	1.5	19	7/0.53	23.1	615	D2	6/120237	32
D227X1/5	1.5	27	7/0.53	25	897	D2	6/120239	32
D237X1/5	1.5	37	7/0.53	28.25	1126	D2	6/120242	40
D248X2/5	1.5	48	7/0.67	35.1	1960	D2	6/120246	50S
D248X1/5	1.5	48	7/0.53	31.6	1280	D2	6/120245	40
E11X2/5	2.5	1	50/0.25	12.6	174	E1	6/120172	20
D11X2/5	2.5	1	70/0.67	8.05	34	D1	6/120213	20/16
C11X2/5	2.5	1	50/0.25	12.6	174	C1	6/120130	25
E22X2/5	2.5	2	50/0.25	16.85	342	E2	6/120170	25
D22X2/5	2.5	2	70/0.67	11.8	182	D2	6/120217	20
C22X2/5	2.5	2	50/0.25	16.85	342	C2	6/120140	25
E24X2/5	2.5	4	50/0.25	18.65	445	E2	6/120171	25
C24X2/5	2.5	4	50/0.25	18.65	445	C2	6/120141	25
E27X2/5	2.5	7	50/0.25	21.2	590	E2	6/120173	32
C27X2/5	2.5	7	50/0.25	42.4	590	C2	6/120142	50
E210X2/5	2.5	10	50/0.25	25.55	784	E2	6/120174	32
C210X2/5	2.5	10	50/0.25	25.55	784	C2	6/120143	40
E212X2/5	2.5	12	50/0.25	26.25	868	E2	6/120175	40
C212X2/5	2.5	12	50/0.25	26.25	868	C2	6/120144	40
C216X2/5	2.5	16	50/0.25	28.65	980	C2	6/120145	40
D227X2/5	2.5	27	7/0.67	27.65	1200	D2	6/120240	40
D237X2/5	2.5	37	7/0.67	31.25	1600	D2	6/120243	40
D11X10	10	1	7/1.35	10.6	205	D1	6/120214	20S
D22X10	10	2	7/1.35	16.85	443	D2	6/120218	25
D22X16	16	2	7/1.70	20.9	625	D2	6/120226	32
D11X35	35	1	19/1.53	14.5	495	D1	6/120215	25
D22X35	35	2	19/1.53	25.05	1232	D2	6/120219	40

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