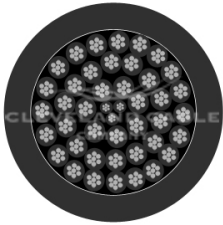


RAILWAY SIGNALLING CABLES TYPE C, D & E



APPLICATION

Signalling cable especially 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 C1 & C2: Heavy duty PCP RS2

Type D1 & D2: Low Smoke Zero Halogen (LSZH)

Type E1 & E2: 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 - DIMENSIONS

CCC CODE	NR CODE	RAIL TYPE	CONDUCTOR SIZE (MM ²)	STRANDING (MM)	NO OF CORES	WEIGHT (KG/KM)	OVERALL DIAMETER (MM)	GLAND SIZE
C11X2/5	6/120130	C1	2.5	50/0.25	1	174	12.6	25
C22X2/5	6/120140	C2	2.5	50/0.25	2	342	16.85	25
C24X2/5	6/120141	C2	2.5	50/0.25	4	445	18.65	25
C27X2/5	6/120142	C2	2.5	50/0.25	7	590	20.5	50
C210X2/5	6/120143	C2	2.5	50/0.25	10	784	25.55	40
C212X2/5	6/120144	C2	2.5	50/0.25	12	868	26.25	40
C216X2/5	6/120145	C2	2.5	50/0.25	16	980	28.65	40
D11X/75	6/120211	D1	0.75	7/0.37	1	25	7.3	20/16
D11X1/5	6/120212	D1	1.5	7/0.53	1	30	7.65	20/16
D11X2/5	6/120213	D1	2.5	7/0.67	1	34	8.05	20/16
D11X10	6/120214	D1	10	7/1.35	1	205	10.6	20S
D11X35	6/120215	D1	35	19/1.53	1	495	14.5	25
D22X1/5	6/120216	D2	1.5	7/0.53	2	135	10.75	20S
D22X2/5	6/120217	D2	2.5	7/0.67	2	170	11.8	20
D22X10	6/120218	D2	10	7/1.35	2	443	16.85	25
D22X16	6/1220226	D2	16	7/1.70	2	625	20.9	32
D22X35	6/120219	D2	35	19/1.53	2	1232	25.05	40
D24X1/5	6/120223	D2	1.5	7/0.53	4	200	13.2	25
D27X1/5	6/120228	D2	1.5	7/0.53	7	370	15.8	25
D210X1/5	6/120231	D2	1.5	7/0.53	10	401	19.4	32
D212X1/5	6/120234	D2	1.5	7/0.53	12	410	17.3	32
D219X1/5	6/120237	D2	1.5	7/0.53	19	615	23.1	32
D227X/75	6/120238	D2	0.75	7/0.37	27	606	22.6	32
D227X1/5	6/120239	D2	1.5	7/0.53	27	897	25	32
D227X2/5	6/120240	D2	2.5	7/0.67	27	1200	27.65	40
D237X/75	6/120241	D2	0.75	7/0.37	37	786	25.55	32
D237X1/5	6/120242	D2	1.5	7/0.53	37	1126	28.25	40
D237X2/5	6/120243	D2	2.5	7/0.67	37	1600	31.25	40
D248X/75	6/120244	D2	0.75	7/0.37	48	972	28.95	40
D248X1/5	6/120245	D2	1.5	7/0.53	48	1280	31.6	40
D248X2/5	6/120246	D2	2.5	7/0.67	48	1960	35.1	50S
E11X2/5	6/120172	E1	2.5	50/0.25	1	174	12.6	20
E22X2/5	6/120170	E2	2.5	50/0.25	2	342	16.85	25
E24X2/5	6/120171	E2	2.5	50/0.25	4	445	18.65	25
E27X2/5	6/120173	E2	2.5	50/0.25	7	590	21.2	32
E210X2/5	6/120174	E2	2.5	50/0.25	10	784	25.55	32
E212X2/5	6/120175	E2	2.5	50/0.25	12	868	26.25	40

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