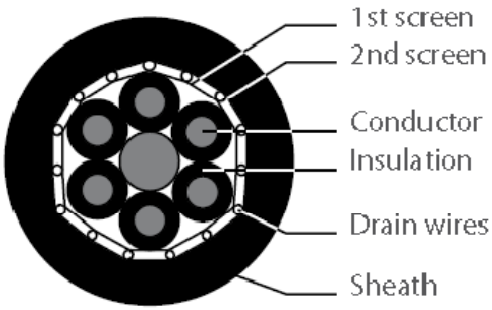

G7250 A2 Type D2 Safety Signalling Cable

Construction	Conductor stranding	Diameter mm	Weight kg/km
2 x 0.6mm²	1 / 0.85mm	8.7	96
1 x 1.0mm²	1 / 1.13mm	6.8	70
2 x 1.0mm²	1 / 1.13mm	9.25	115
4 x 1.0mm²	1 / 1.13mm	10.3	151
6 x 1.0mm²	1 / 1.13mm	11.7	191
7 x 1.0mm²	1 / 1.13mm	11.7	197
8 x 1.0mm²	1 / 1.13mm	13.3	235
10 x 1.0mm²	1 / 1.13mm	14.0	116
12 x 1.0mm²	1 / 1.13mm	14.5	290
16 x 1.0mm²	1 / 1.13mm	15.8	357
19 x 1.0mm²	1 / 1.13mm	16.4	400
27 x 1.0mm²	1 / 1.13mm	19.4	528
37 x 1.0mm²	1 / 1.13mm	21.4	675
48 x 1.0mm²	1 / 1.13mm	24.5	870
2 x 1.85mm²	1 / 1.53mm	10.0	153
4 x 1.85mm²	1 / 1.53mm	11.2	214
6 x 1.85mm²	1 / 1.53mm	12.9	277
10 x 1.85mm²	1 / 1.53mm	15.7	388
12 x 1.85mm²	1 / 1.53mm	16.1	422
16 x 1.85mm²	1 / 1.53mm	17.7	533
19 x 1.85mm²	1 / 1.53mm	18.6	600
27 x 1.85mm²	1 / 1.53mm	23.0	876
37 x 1.85mm²	1 / 1.53mm	25.4	1115
16 x 2.5mm²	7 / 0.67mm	21.8	725
19 x 2.5mm²	7 / 0.67mm	22.9	820
27 x 2.5mm²	7 / 0.67mm	27.6	1145
37 x 2.5mm²	7 / 0.67mm	31.1	1500
61 x 2.5mm²	7 / 0.67mm	39.3	2367
2 x 4.0mm²	7 / 0.85mm	13.7	277.4
6 x 4.0mm²	7 / 0.85mm	18.4	541
10 x 4.0mm²	7 / 0.85mm	24.2	849
16 x 4.0mm²	7 / 0.85mm	26.6	1110
4 x 6.0mm²	7 / 1.04mm	17.0	473
6 x 6.0mm²	7 / 1.04mm	21.3	759
10 x 6.0mm²	7 / 1.04mm	26.5	1100
4 x 10.0mm²	7 / 1.35mm	19.2	706
6 x 10.0mm²	7 / 1.35mm	24.1	739
10 x 10.0mm²	7 / 1.35mm	30.6	1638
4 x 16.0mm²	7 / 1.70mm	23.0	1

PRODUCT DESCRIPTION

This range covers twin and multicore screened cables for use either underground or outside safety critical railway signalling systems. They are suitable for crossing railway track, being laid on ballast and is designed to be resistant to abrasion, crushing, oil, water, fire and atmospheric conditions over a wide operating temperature range

PRODUCT CHARACTERISTICS

Conductor :	Tinned annealed copper
Insulation	Black cross-linked polyethylene
Assembly	Cores cabled together with LSZH fillers as required
Screen	Aluminium/polyester tape
Drain wires	Multiple drain wires distributed evenly around the cable
Screen	Aluminium/polyester tape
Sheath	Black zero halogen compound

Cable Performance

Cold Bend	-15ºC (cables <12.5mm dia)
Crush	>10kN
Sheath Stability	<5% ; 100ºC, 240hrs

Fire Performance

Smoke	Pass
Toxicity	<0.015
Flammability	IEC60332-3C

Sheath fluid resistance

Oil	72hrs @ 100ºC
Water	72hrs @ 85ºC
Ozone	Pass
Weathering	Pass