



G7250 A2 Type E2 Safety Signalling Cable

PRODUCT DESCRIPTION

This range covers flexible twin and multicore cables for use either underground or outside safety critical railway signalling systems.

The cable is 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

Construction	Conductor stranding	Nom Diameter mm	Nom Weight kg/km
2 x 2.5mm ²	50/0.25mm	16.7	345
4 x 2.5mm ²	50/0.25mm	18.3	432
6 x 2.5mm ²	50/0.25mm	20.6	536
10 x 2.5mm ²	50/0.25mm	24.4	710
12 x 2.5mm ²	50/0.25mm	25	783

PRODUCT CHARACTERISTICS

Conductor : Tinned annealed copper

Insulation Black cross-linked polyethylene

Cable 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

Characteristic	
Cold Bend	-15°C (for cables <12.5mm diameter)
Compression resistance	10kN
Sheath Stability	<5% @ 100°C for 240hrs
Sheath fluid resistance	
Oil	Pass
Water	Pass
Ozone	Pass
Weathering	Pass

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