

LSC INDUCTIVE LOOP CABLE

PRODUCT DESCRIPTION

Inductive loop cables are a vital part of train control systems. Laid between the rails on the trackbed, thecable has been designed to be very robust to resist being damaged.

PRODUCT CHARACTERISTICS:

Conductor: 2.5mm², 7/0.67mm

Bare Copper

Insulation: XLPE to BS 7655

Sheath: LSZH compound to BS 7655

Colour - Red

Diameter: 12.4mm

Electrical Characteristics

Voltage rating: 600/1000V Conductor Resistance: 7.41ohm/km max Insulation Resistance: 2300Mohm.km min

Inductance to earth: <0.6mH/km
Capacitance to earth: <0.15µF/km
Pulling tension (sheath): 150N max
Sheath tear strength: >5N/mm
Minimum bend radius: 80mm

Fire Performance: Meets LUL 2-01001-002 A1

Toxicity: Pass Oxygen index: >35

Smoke emission: Pass to BS EN 50268

The information contained in this document is valid and correct at the time of issue. However, we reserve the right to modify details without notice in the light of subsequent Standard / Specification changes and ongoing technica developments. Diagram colours are used for representation only.