



## LSC INDUCTIVE LOOP CABLE

### PRODUCT DESCRIPTION

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

### PRODUCT CHARACTERISTICS:

Conductor:	2.5mm <sup>2</sup> , 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