

TECHNICAL DATA SHEET

T0505 (Formerly SE1047)

<u>Manufacturing Standard</u>	T0505 Types 2 & 4
<u>Code of Practice</u>	E4156 Part 1
<u>Guide to Use</u>	S1121
<u>Emissions & Flame Propagation</u>	1-085

LSZH Railway Signalling Cables for use in trackside bracket runs.



Construction

- Class 1 Tinned Copper Conductor to BS EN60228
- XLPE Insulation
- Tinned Copper Wire Spiral Screen
- LSZH Bedding
- Tinned Copper Wire Screen (Type 4 Only)
- LSZH Sheathed

Core Colour	Black with Numbers
Sheath Colour	Red
Bend Radius	6 x O/D
Operating Temp	-15°C to +85°C
Voltage Rating	600/1000 Volts

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T0505 (Formerly SE1047) TYPE 2

No of Units & Nominal Cross Sectional Area of Conductor	No. & Nominal Diameter of Strand	Maximum DC Conductor & Screen Resistance @ 20°C	Nominal Overall Diameter	Nominal Weight
No. x mm ²	No. x mm	Ω/Km	mm	Kg/Km
1 x 1.85	1/1.53	11.0 / 9.66	10.30	140
3 x 1.85	1/1.53	11.0 / 9.66	17.10	361
7 x 1.85	1/1.53	11.0 / 9.66	22.10	612
19 x 1.85	1/1.53	11.0 / 9.66	33.80	1429

T0505 (Formerly SE1047) TYPE 4

No of Units & Nominal Cross Sectional Area of Conductor	No. & Nominal Diameter of Strand	Maximum DC Conductor & Screen Resistance @ 20°C	Nominal Overall Diameter	Nominal Weight
No. x mm ²	No. x mm	Ω/Km	mm	Kg/Km
1 x 1.85	1/1.53	11.0 / 9.66	11.00	184
3 x 1.85	1/1.53	11.0 / 9.66	18.60	487
7 x 1.85	1/1.53	11.0 / 9.66	24.10	875
19 x 1.85	1/1.53	11.0 / 9.66	37.20	2120