

Technical Specification

T0502_(Formerly SE330) 10 Core Screened Track Crossing Signalling Cable

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1 Purpose

The purpose of this Technical Specification is to cover the requirements for track crossing 10 core concentric signalling cables for connecting to track-mounted signals, points and trainstops.

2 Scope

The scope of this technical specification covers 10 core concentric cables, that can be laid directly on ballast and shall be suitable for moulded terminations to be added, thereby enabling correct termination.

3 Generic Requirements

- 3.1 The manufacturer shall seek LU approval against a unique design reference. Once an approval has been given, no changes to the design shall be made without prior notification.
- 3.2 Cable shall be delivered by the manufacturer to the address stated on the order. Delivery lengths shall be 500m +/-5%, on wooden drums with a maximum diameter of 2.3m and a maximum width of 1.4m, unless stated otherwise on the order. The ends of the cable shall be protected to prevent the ingress of dirt and moisture.
- 3.3 All drums shall be clearly and indelibly marked as follows, with lettering being not less than 45mm in height:
 - Stores list number, as detailed in the order
 - T0502 (Formerly SE330) and revision status
 - Manufacturer's batch number
 - Manufacturer's name
- 3.4 The cable sheath shall be clearly and indelibly marked, as detailed in 6.3 above, but with the lettering not less than 3mm in height, and repeated, at a minimum, every 2m along the cable length.
- 3.5 Manufacturers shall demonstrate that their Quality Management System meets the requirements of BS EN ISO9001 or equivalent.
- 3.6 The cable shall comply with the requirements of the London Underground Category 2 Standard E7202 – Environmental Requirements for Signalling Equipment.
- 3.7 A certificate of conformity shall accompany each delivery, which shall contain the following information:
 - Name and address of manufacturer or supplier issuing the certificate
 - Manufacturer's design reference
 - Statement of conformity to this specification and revision letter
 - Date and place of issue of certificate
 - The signature(s) and printed name(s) and function(s) of the authorised persons acting on behalf of the manufacturer or supplier
 - The LU order number