

5. Communications Cable Type TC-304-01

This type of Communications Cable is shown in Figure 4 below.

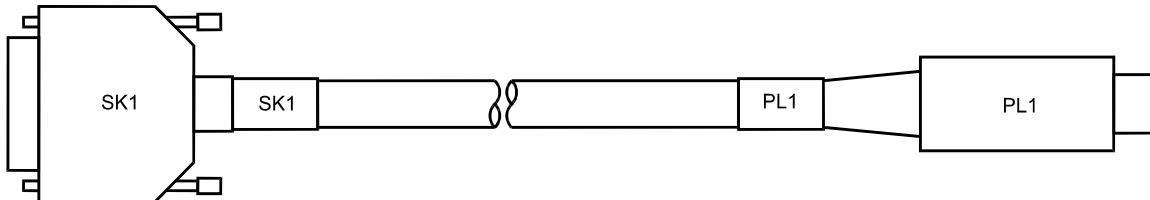


Figure 4 Communications Cable Type TC-304-01

This type of Trusted Communications Cable is designed to connect an Engineering Workstation (EWS) or PC to the front panel RS232 diagnostics port on either the Trusted TMR Processor T8110 or Trusted Communications Interface T8151.

The cable assembly consists of a 6-core Belden 9536 cable fitted with a 9-way 'D' type connector at one end and a 6-way DIN connector at the other.

Page intentionally left blank

6. Communications Cable Type TC-305-01

This type of Communications Cable is shown in Figure 5 below.

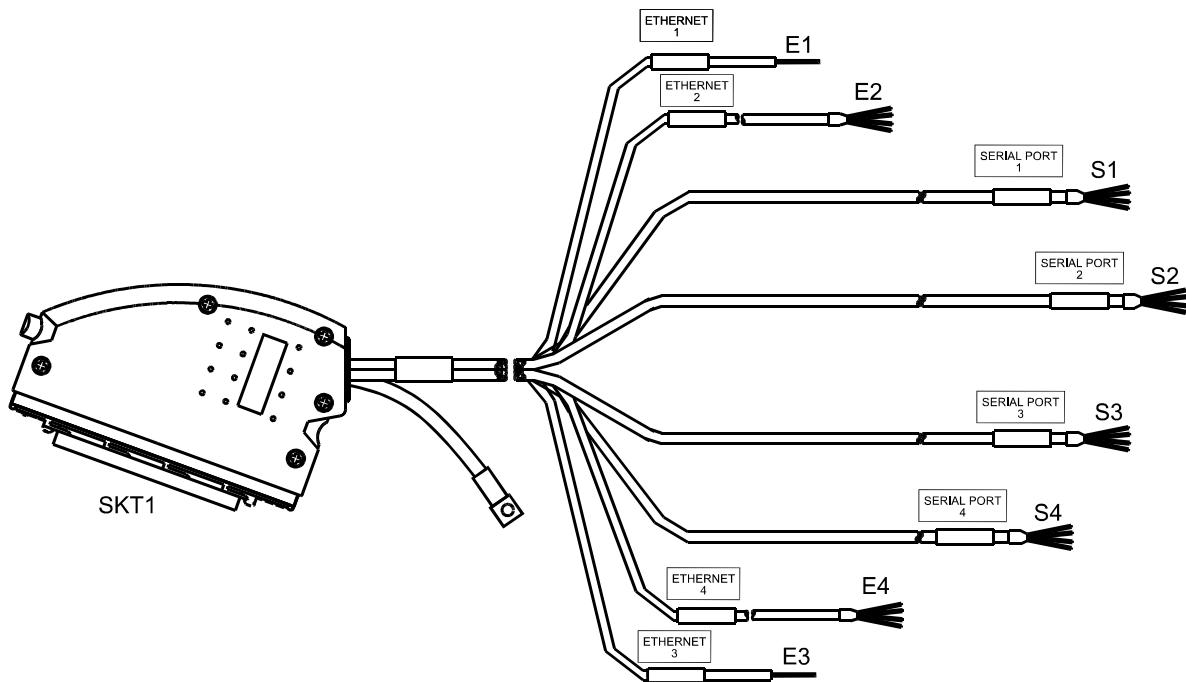


Figure 5 Communications Cable Type TC-305-01

This type of Trusted Communications Cable is designed to provide connection to the communications ports available at the Trusted Communications Interface T8151 via flying leads.

The Communications Interface end of the cable (SKT1) is fitted with a 78+2-way type 'M' connector housed in a single-width hood. The hood is fitted with an earth braid. The other ends of the cable (8-off) are left free. Connectors conforming to user requirements are fitted. Only one, or other type of the Ethernet ports may be used, not both simultaneously.

The cable assembly consists of a Cat 5, screened PVC sheath.

The flying lead end of the sheathing is covered in heatshrink and heated to help prevent fraying. 50 Ω coaxial cables are supplied for Ethernets E1 and E3.

Refer to Table 2 for details of pin connections, including screening.