

Trusted Communications Cables

Product Overview

This document provides detailed information for the types of Trusted® Communications Cables currently available. These are listed in Table 1 below.

Cable Type	Description
TC-301-02-xmx	Local Expansion Cable From Expander Interface Adapter (T8312) to Expander Processor (T8310)
TC-301-03-xmx	Local Expansion Cable (UL) From Expander Interface Adapter (T8312) to Expander Processor (T8310)
TC-302-02-xmx	Remote Expansion Cable From Expander Interface Adapter (T8312) to Fibre TX/RX unit (T8314)
TC-302-03-xmx	Remote Expansion Cable (UL) From Expander Interface Adapter (T8312) to Fibre TX/RX unit (T8314)
TC-303-02-xmx	Remote Expansion Cable From Fibre TX/RX unit (T8314) to Expander Processor (T8310)
TC-303-03-xmx	Remote Expansion Cable (UL) From Fibre TX/RX unit (T8314) to Expander Processor (T8310)
TC-304-01	Maintenance Cable
TC-305-01	Communications Cable Assembly From Communication Interface (T8151) to flying leads
TC-306-02	Input Smart Slot Jumper Cable
TC-306-03	Input Smart Slot Jumper Cable (UL)
TC-308-02	Output Smart Slot Jumper Cable
TC-308-03	Output Smart Slot Jumper Cable (UL)
TC-310-02	Output Smart Slot Jumper Cable from Digital Output Module (T8472)

7. Communications Cable Type TC-306-0X

This type of Communications Cable is shown in Figure 7 below.

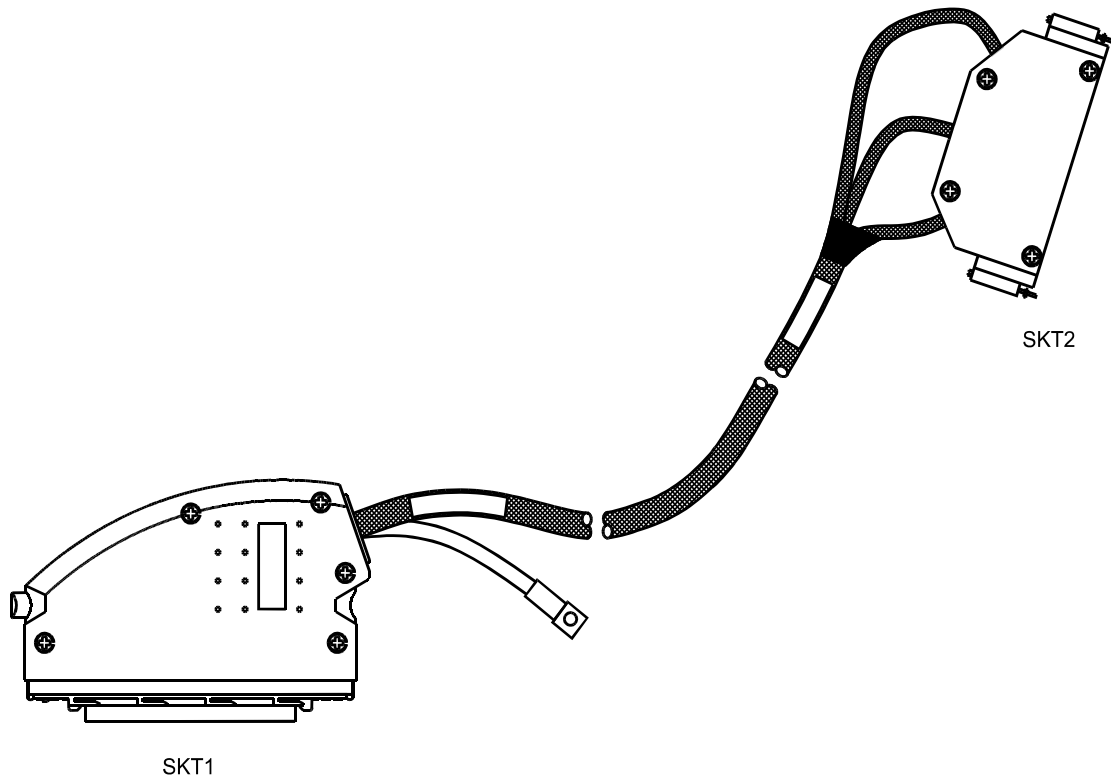


Figure 7 Communications Cable Type TC-306-0X

This type of Trusted Communications Cable is designed to provide I/O connection between a faulty Trusted Analogue or Digital Input module (40/60 Channel) and the I/O module occupying the SmartSlot position in a Trusted Controller or Expander Chassis.

The SmartSlot end of the cable (SKT1) is fitted with a 96-way type 'C' connector housed in a single-width hood. The hood is fitted with an earth braid. The faulty I/O module end is fitted with a 96-way type 'R' connector housed in a special-to-type plastic hood.

The cable assembly consists of either:

- 96-way LSZH wire harnesses shrouded in Megamide Sleeving (TC-306-02), or
- 96-way UL Certified wire harnesses shrouded in Megamide Sleeving (TC-306-03).

The ends of the sheathing are covered in heatshrink sleeving and heated to help prevent fraying.