

7. Communications Cable Type TC-306-0X

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

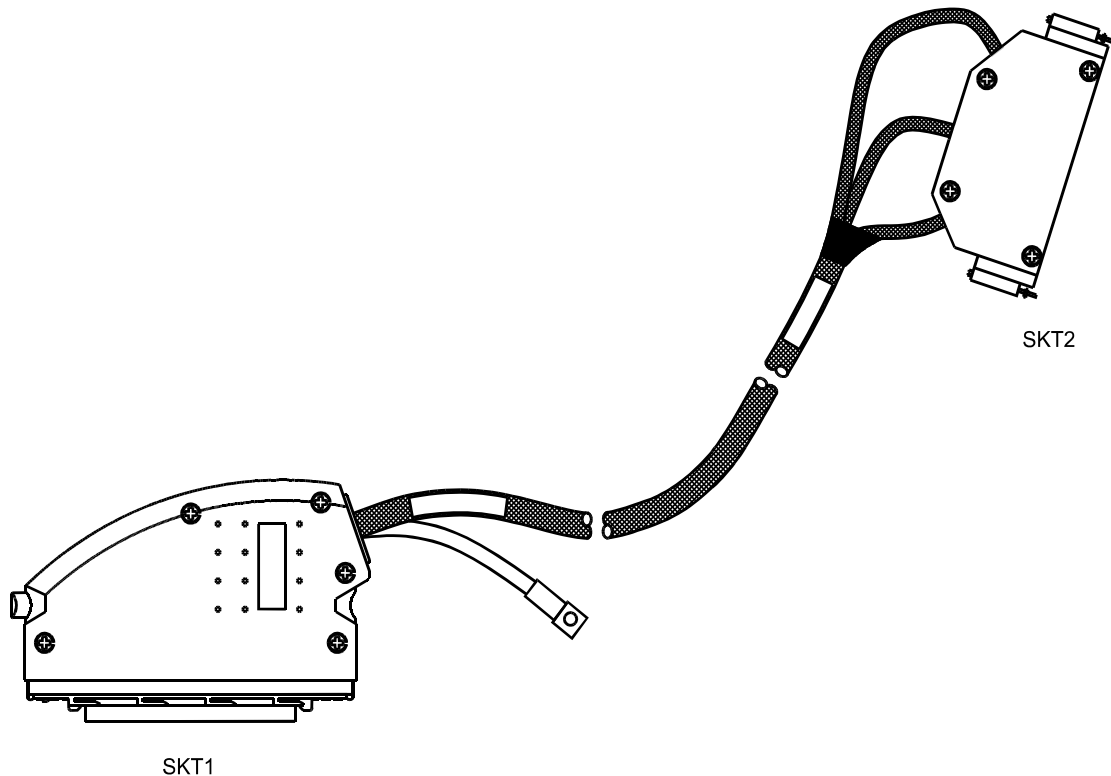


Figure 7 Communications Cable Type TC-306-0X

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.