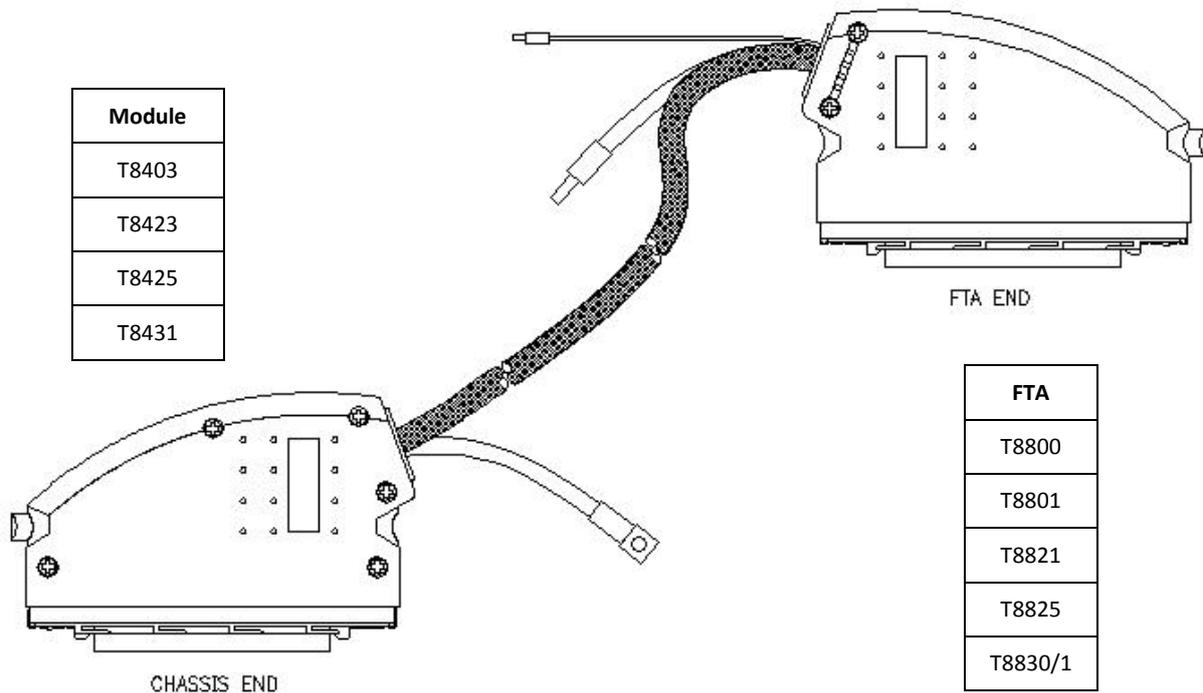# 2. I/O Companion Slot Cable Type TC-201

This type of cable, and the modules/field termination assemblies it is used with, is shown in Figure 1 below.

Module
T8403
T8423
T8425
T8431

FTA
T8800
T8801
T8821
T8825
T8830/1

FTA END

CHASSIS END

Figure 1 I/O Companion Slot Cable Type TC-201

This type of Trusted I/O Companion Slot Cable is designed for use with analogue or digital input modules and is suitable for connecting input signals from an internal FTA to the module.

The chassis end of the multi-core cable is fitted with two 96-way type 'C' connectors housed in a double-width hood. The other end of the cable is fitted with a 96-way type 'R' connector housed in a single-width hood enabling the cable to be connected to an FTA.

The multi-core cable is stripped back 1.5 m at both ends, then shrouded in nylon Rilgain sheathing. The ends of the sheathing are heated or fitted with over sleeving to help prevent fraying.

At both the chassis and remote end, a sheathed braid allows the connector hood to be wired to safety earth. At the remote end, the multi-core screen drain is wired to a green wire to allow connection to screen earth.