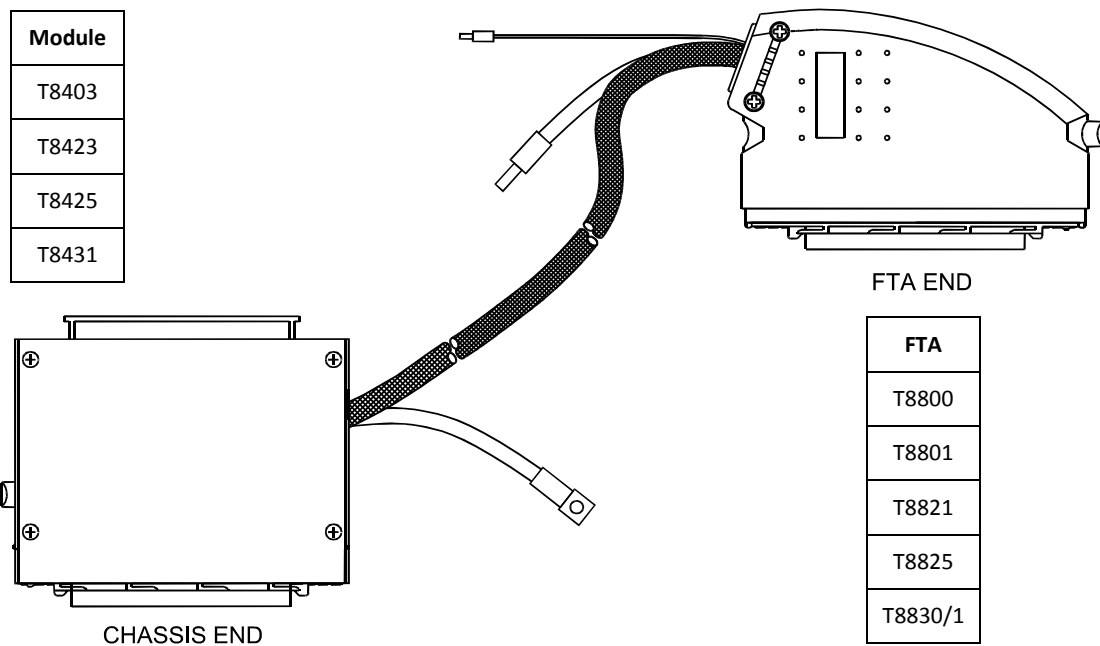


## 2. I/O SmartSlot Cable Type TC-501

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



**Figure 1 I/O SmartSlot Cable Type TC-501**

This type of Trusted I/O SmartSlot 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 a 96-way type 'C' connector housed in a single-width hood (type TC-500). 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.