

Model 7707-MTC-2 Cable

User's Guide

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Introduction

The Model 7707-MTC-2 is a 25-conductor cable that is used with the Model 7707 multiplexer switching module. The 2-meter cable is terminated with female/male 25-pin D-Sub connectors. Connect the male end of the cable assembly to the female DB-25 connector of the 7707 switching module. Connect the female end of the cable to external circuitry.

The cable illustration shows the pinouts for the DB-25 connectors. Model 7707 terminal identification for the DB-25 is provided in Table 1 of the Model 7707 Packing List (Part number PA-770).

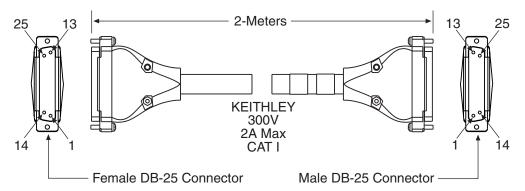
WARNING

All connection and wiring information is intended for qualified service personnel. Do not make switching module connections unless qualified to do so.

To prevent electric shock that could result in serious injury or death, adhere to the following safety precautions:

- Before making or breaking connections to the switching module, make sure power is removed from all external circuitry.
- Do not connect signals that may exceed the maximum specifications of the Model 7707 or the Model 7707-MTC-2 cable assembly.

Model 7707-MTC-2 cable assembly



Cable assembly specifications:

Connector-to-connector pinout: 1 to 1 (see cable illustration)

Maximum voltage rating: 300V DC or RMS.

Operating temperature: -20 to 80°C.

Maximum current: 2A single contact

Pin-to-pin resistance: <250m Ω