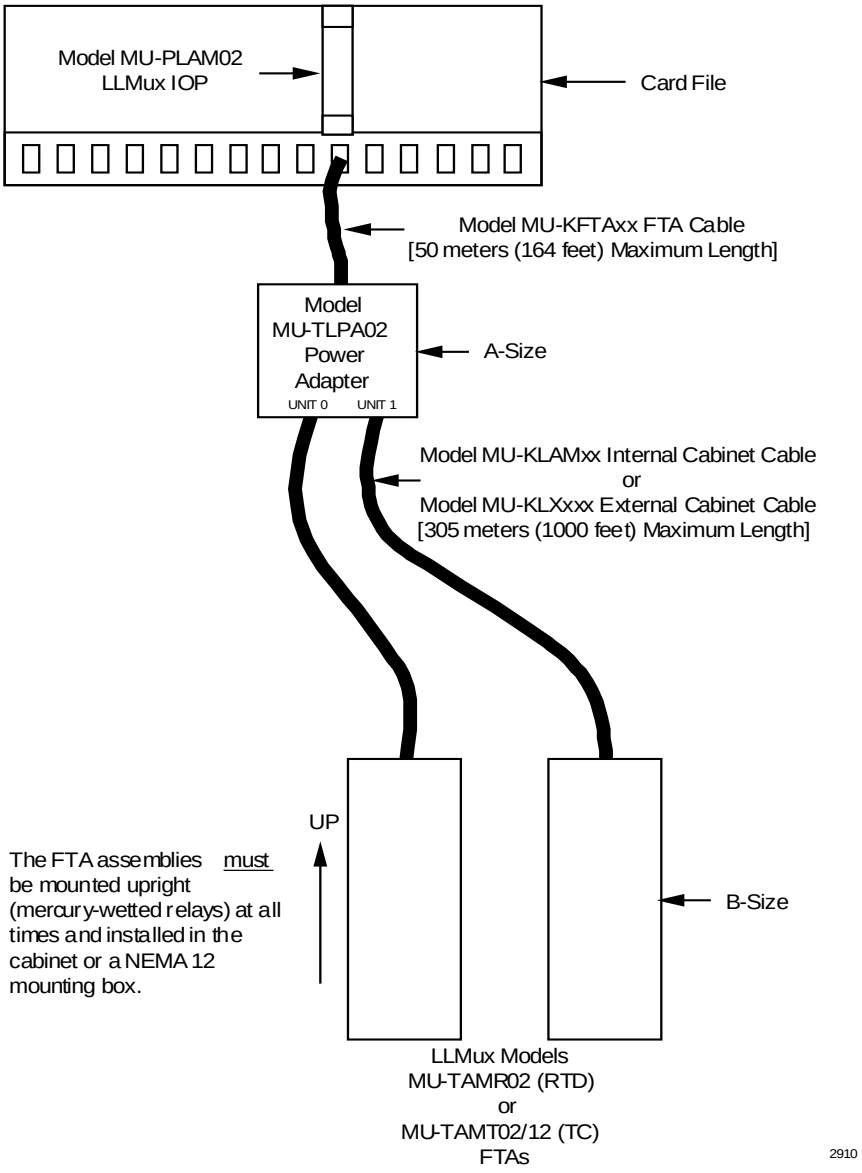
Low Level Multiplexer IOP (LLMux)

A Low Level Analog Input Multiplexer (LLMux) IOP processes up to 32 inputs from two 16 input FTAs.

The following figure illustrates LLMux FTA interconnections for non-CE Compliant FTA models. CE Compliant FTA models are similar. See the *Process Manager I/O Installation* manual for detailed information.

Figure 9 Low Level Multiplexer Interconnections



2.26 Power Adapter Cabling

Introduction

Using a standard FTA cable, the model MU-TLPA02 Power Adapter can be located up to 50 meters (164 feet) distance from the card file containing the associated IOP card. The Power Adapter connects to one or two FTAs that can be installed at a remote location up to 305 meters (1000 feet) from the Power Adapter. Figure 63, Figure 64, and Figure 65 illustrate its application with the Low Level Multiplexer, Serial Device Interface, and Serial Interface IOPs respectively.

LLMux interconnections

The following figure illustrates the Power Adapter interconnections for a Low Level Multiplexer application.

Figure 63 Power Adapter Interconnections – LLMux Application

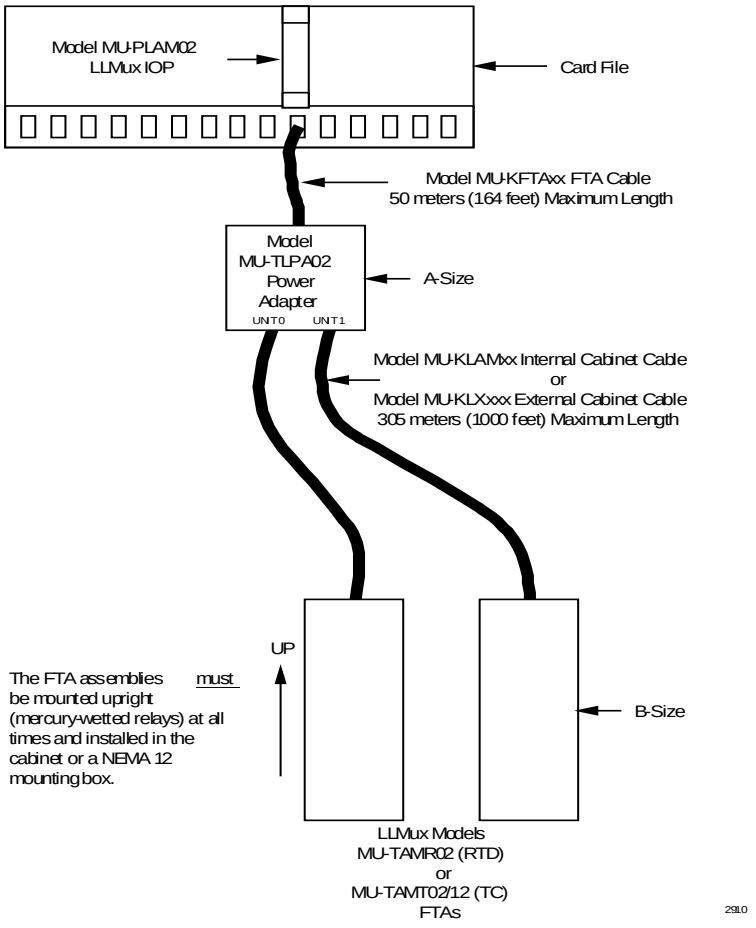


Table 88 Non-Conformally Coated HPM ORU Parts List

Name	Description	Part Number
STI FTA (MU-TSTX03)	STI with compression terminals	51309140-125
STI FTA (MU-TSTX13)	STI with compression terminals	51309142-125
STI FTA (MU-TSTX53)	STI with screw terminals	51309142-225
LLAI FTA (MU-TAIL02)	LLAI FTA with compression terminals (Replaced by MU-TAIL03)	51304437-100
	Daughter module for above FTA (Replaced by 51309280-100)	51304085-100
LLAI FTA (MU-TAIL03)	LLAI FTA with compression terminals	51309202-125
	Daughter module for above FTA	51309280-100
LLMux FTA (MU-TAMT02)	LLMux local TC with compression terminals (Replaced by MU-TAMT03)	51401491-100
	LLMux Analog board for above FTA	51401564-100
LLMux FTA (MU-TAMT03)	LLMux local TC with compression terminals	51409223-125
LLMux FTA (MU-TAMT12)	LLMux remote TC with compression terminals (Replaced by MU-TAMT13)	51401573-100
	LLMux Analog board for above FTA	51401564-100
	LLMux remote sensor board for above FTA	51304589-100
LLMux FTA (MU-TAMT13)	LLMux remote TC with compression terminals	51409213-125
LLMux FTA (MU-TAMR02)	LLMux RTD with compression terminals (Replaced by MU-TAMR03)	51304477-100
	LLMux daughter board for above FTA	51401364-100
LLMux FTA (MU-TAMR03)	LLMux RTD with compression terminals	51309218-125
RHMUX GI/IS Power Adapter (MU-GRPA01)	RHMUXGI/IS Power Adapter with compression terminals	51304724-125
RHMUX GI/NI Power Adapter (MU-TRPA01)	RHMUX GI/NI Power Adapter with compression terminals	51304722-125
AO FTA (MU-THAO11)	Analog Output with HART and comp. terminals	51309542-125
AO FTA (MU-TAOX02)	Analog Output with compression terminals	51304476-125
AO FTA (MU-TAOX12)	Analog Output with compression terminals	51304335-125
AO FTA (MU-TAOX52)	Analog Output with screw terminals	51304335-225
	Plug-in module for above FTAs	51304338-100
AO FTA (MU-TAOY22)	Analog Output with comp term, Stdby Manual	80366481-125
AO FTA (MU-TAOY23)	Analog Output with comp term, no Stdby Manual	80366177-200