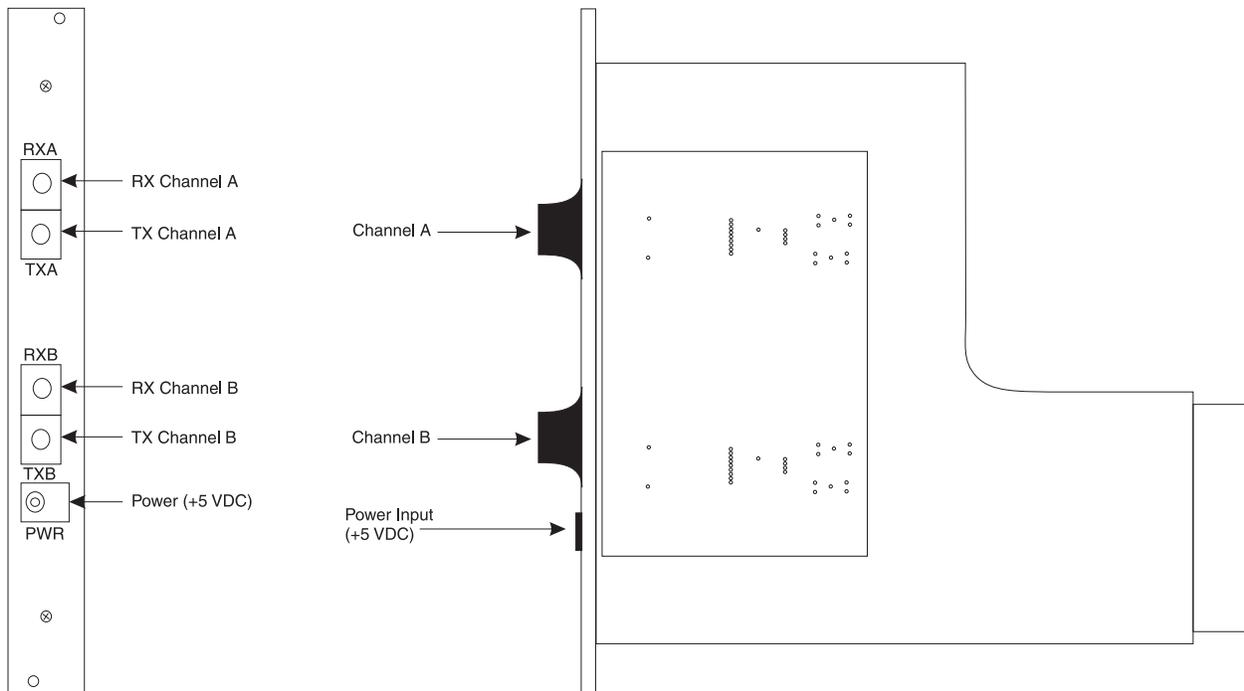# INSTALLATION INSTRUCTIONS
Fiber Optic Interface Back Card, Single Mode

RTS™

Specifications

Transceiver
> Type: LED
> Wavelength:1300 nm
> Data Rate: 622.08 Mb/s
> Maximum Distance: 15km

Fiber Cable Type
> 9/125 µm

Connectors
> Fiber: SC Duplex
> Power: 2.1mm

Power Supply(external wall pack)
> Type: Switching
> Input: 100-240VAC @ 0.2A, 50/60Hz
> Output: +5VDC @ 1A

Safety Notice

> IEC 825/CDRH CLASS 1

Description

This back card is for use with SBX and DBX cards in the ADAM® digital matrix intercom system. The card utilizes LED fiber optic transceivers to allow links of up to 1000 meters between frames.

Installation

1. Remove the SBX or DBX card to be linked from its frame.
2. Remove the Coaxial back card that is to be replaced by the Fiber Optic back card.
3. Insert the back card into the slot directly behind the SBX or DBX card.
    Note: Be sure to tighten the screws holding the back card in the frame.
4. Remove the rubber protective cap(s) to expose the fiber port(s).
    Note: SBX cards use the Channel B port only.
5. Insert the fiber connectors into their respective ports.
    Note: The RX and TX connections are reversed from a coax card's.
6. Insert the SBX or DBX card into the frame and secure the card.
7. Connect the supplied wall pack power supply to the back card.
8. Repeat steps 1 through 7 for each additional back card.
9. Verify proper system operation.
    Note: Consult SBX and/or DBX manuals for additonal information.

TELEX®