



AK500TR & AKCUTR Tracer Cards Users Manual

The AK500TR Tracer card is used to provide metallic access to the AK500S chassis MSPAN outside plant pair connectors. The AKCUTR Tracer card is used to provide metallic access to the AK5xxCU Compact CO Unit and the AK5xxRU Compact Remote Unit. This allows metallic testing of the entire copper span being used for deployment of an Aktino system.

AK500TR Tracer Card

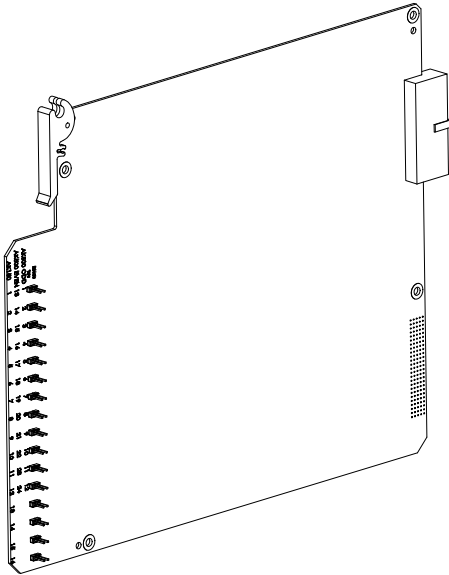


Figure 1 AK500TR Tracer Card

To install the AK500TR Tracer card, slide the card into the AK500S chassis (see Figure 1).

Power (-48Vdc) is not required. The AK500TR exposes the outside plant wires to the user. Test equipment used with the tracer card should provide adequate OSP protection. Voltages applied to the tracer card connectors should not exceed 60V. The tracer card does not provide current limiting. Currents should be limited to less than 1A. Remove all connections on the tracer card before inserting or removing the card from the AK500S chassis.

Posts are available for each of the 12 MSPAN tip and ring pairs on the end of the AK500TR card. See Figure 2 for details.

The AK500TR Tracer card is not intended to remain in the chassis for extended period; it should be removed when testing is completed. To remove the AK500TR Tracer card, grab the pull tab located at the top of the card and pull the card straight out.

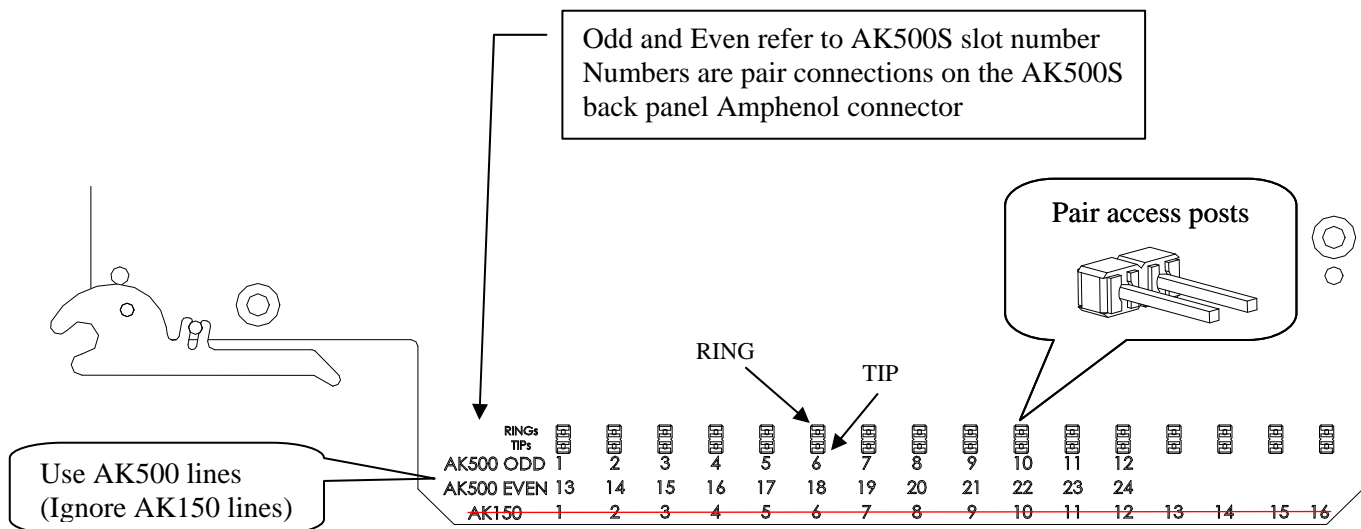


Figure 2 AK500TR card edge

AKCUTR Tracer Card

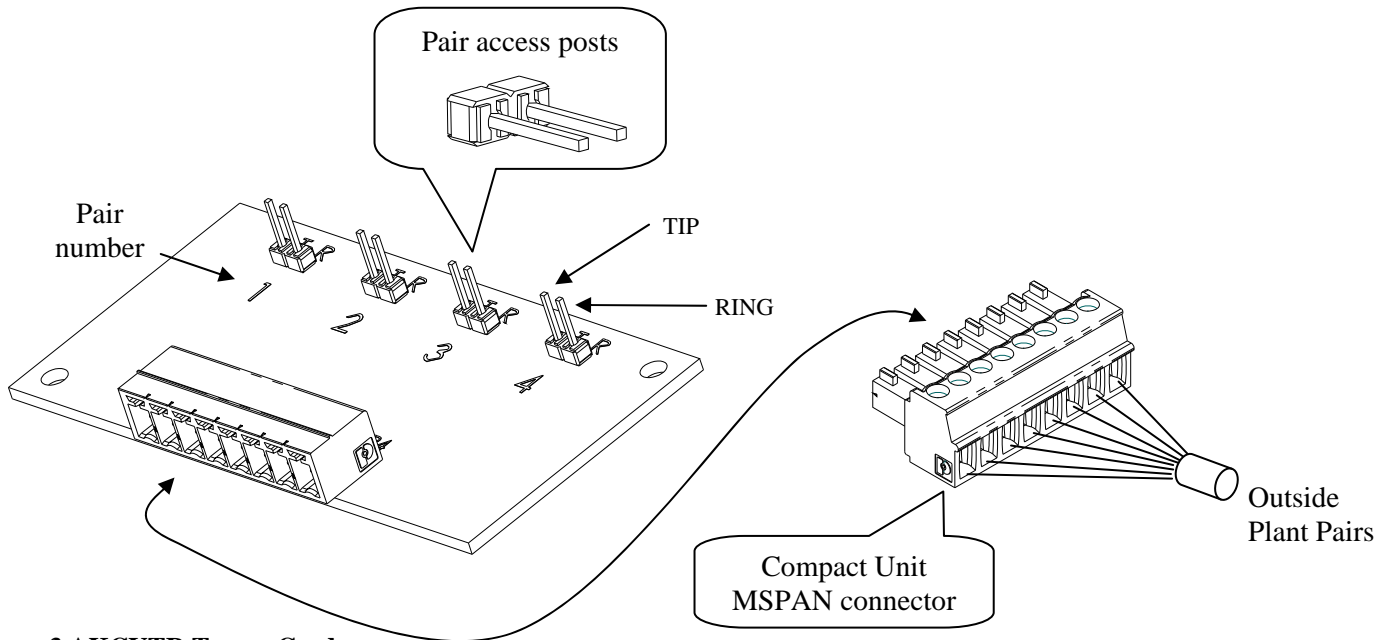


Figure 3 AKCUTR Tracer Card

The AKCUTR Tracer Card fits into the AK5xxCU or AK5xxRU Compact Unit MPSPAN connector (not the Compact Unit plug). Plug the Compact Unit MSPAN connector into the AKCUTR Tracer card.

Power (-48Vdc) is not required. The AKCUTR exposes the outside plant wires to the user. Test equipment used with the tracer card should provide adequate OSP protection. Voltages applied to the tracer card connectors should not exceed 60V. The tracer card does not provide current limiting. Currents should be limited to less than 1A.

Posts are available for each of the 4 MSPAN tip and ring pairs on the AKCUTR card.