



AK100TR Users Manual

Tracer Card

The AK100TR Tracer card is used to provide metallic access to the AK100S chassis MSPAN outside plant pair connector. This allows metallic testing of the entire copper span being used for deployment of an Aktino system. The AK100TR fits into both the CO and RT AK100S chassis.

The AK100TR 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 from the front of the tracer card before inserting or removing the card from the chassis.

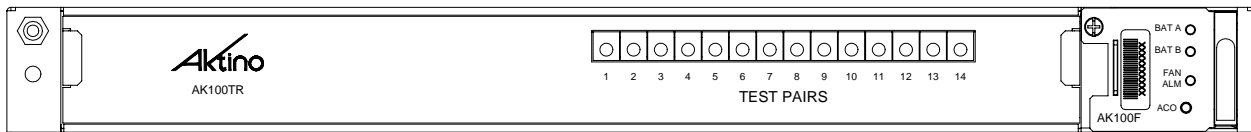


Figure 1 AK100TR card installed in AK100S chassis

To install the AK100TR Tracer card, slide the card into the AK100S chassis. The card slides into the top guide rail of the AK100S chassis. Power (-48Vdc) is not required.

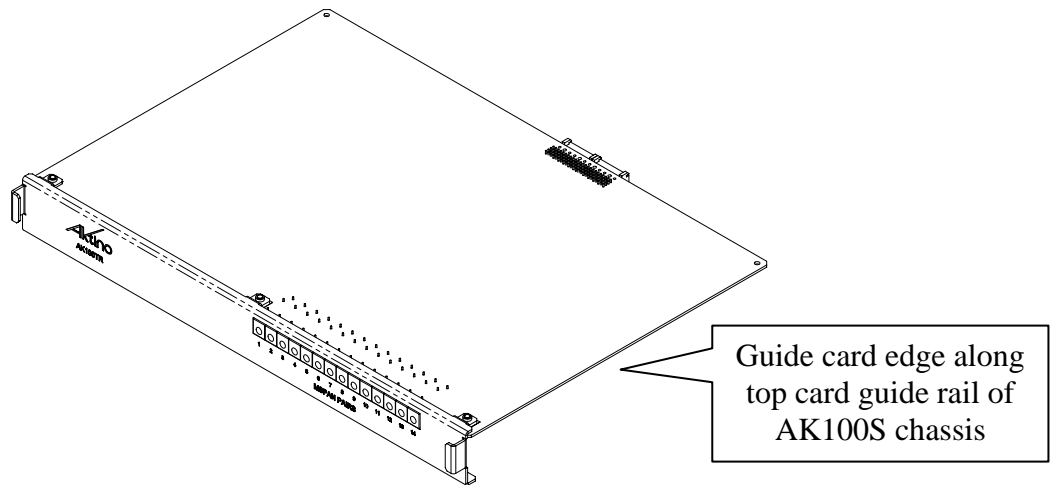
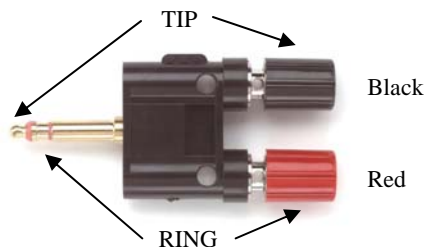


Figure 2 AK100TR Tracer Card

Bantam jacks are available for each of the 14 MSPAN pairs. Included with the AK100TR Tracer card is a plug that provides tip and ring access.



The AK100TR Tracer card is not intended to remain in the chassis for extended period; it should be removed when testing is completed. To remove the AK100TR Tracer card, grab the pull tabs located at the left and right ends of the card faceplate and pull the card straight out.