

## **RSS-6L L-Band Multi-Feed Automatic Redundancy Switch**

The RSS-6L station incorporates six (6) Automatic switching modules that monitor independently the L-Band feeds (900-2100 MHz) received over Fiber Links or from satellite, with automatic switchover to their respective backup feed upon detection of failure of the main input.



The RSS-6L monitors independently both the main and backup input feeds to each switch module for its automatic operation and alarming, with the Threshold monitoring levels individually adjustable from the front panel for each input feed. It will automatically switch back to the main input when it is restored to a level above the Threshold, with a built-in Hysteresis. The RSS is also designed to prevent switching to the backup input while it is below its Threshold level setting, with the capability to remotely disable this function.

The RSS-6L is equipped with Local & Remote Status Monitoring and Switch Override & Control for each switch module at the front panel and via terminal connections at the back of the chassis



Additionally, an integrated Ethernet/IP port is available allowing remote monitoring, alarm and switch-control over IP-Networks with SNMP protocol and embedded Server for use with any Web-browser. A serial-modem connection and protocol are also available for remote phone switch-control by DTMF-tone code.

The RSS Automatic Redundancy Switch offers a high isolation environment between RF Feeds and minimal insertion loss with a passive pass-through of the main L-Band feed input on power loss to the unit.

Other RSS products are available to monitor 1GHz Broadband Trunk, RF Return Band and Single channel (Vide/Audio or ASI) feeds for Automatic Redundancy Switching in disaster recovery applications.

Tekron Communication manufactures products and offers complete system solutions to remote site signal Switching Monitoring & Control applications in CATV Headends/Hubs & Broadcast transmission sites.