The 2582-143 1 for 4 Switch provides Auto, Remote, or Manual backup protection for up to 4 block converters by using a combination of IF/L-Band relay switches and RF transfer switches for signals from a backup unit to any of the 4 online units. The 2582-143 works with standard Cross block up and downconverters by polling their monitor and control ports on a periodic basis. A defective unit’s inputs and outputs are switched from the failed unit to the backup unit either automatically (when an alarm is detected from the failed unit), remotely or manually. Manual switching overrides Remote and Auto switching, while Remote switching overrides Auto switching. Manual selection is made by the front panel multifunction, push-button switches. Remote selection is made via a rear panel female DB9 connector. The 2582-143 is powered by redundant 100-240 ±10% VAC power supplies and is housed in a 1.75” X 19” X 16” 1RU rack mount chassis.