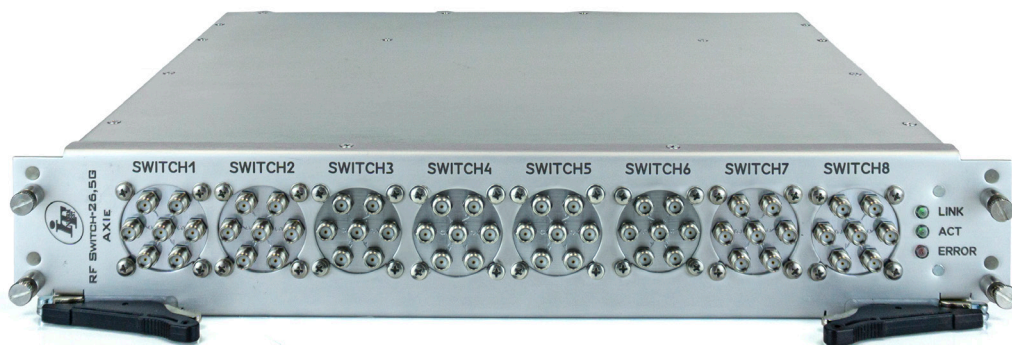


Radio frequency signal switcher **RF Switch-26,5G AXIe**



RF Switch-26.5G AXIe is designed to work as part of information measurement systems as a switch for radio frequency signals (one input to six outputs for each of eight input lines).

Specifications

Contact closing / opening time 10 ms	Number of relay switching cycles - 1×10^7
Frequency Range: 0 to 26.5 GHz	
Signal loss when passing through the module relay: <ul style="list-style-type: none"> • 0.2 dB in the frequency range from 0 to 3 GHz; • 0.3 dB in the frequency range from 3 to 8 GHz; • 0.4 dB in the frequency range from 8 to 12.4 GHz; • 0.5 dB in the frequency range from 12.4 to 18 GHz; • 0.6 dB in the frequency range from 18 to 26.5 GHz. 	Isolation between lines of one channel at least: <ul style="list-style-type: none"> • 80 dB in the frequency range from 0 to 3 GHz; • 70 dB in the frequency range from 3 to 8 GHz; • 60 dB in the frequency range from 8 to 12.4 GHz; • 60 dB in the frequency range from 12.4 to 18 GHz; • 55 dB in the frequency range from 18 to 26.5 GHz.
Standing wave coefficient (SWR) no more than: <ul style="list-style-type: none"> • 1.2 in the frequency range from 0 to 3 GHz; • 1.3 in the frequency range from 3 to 8 GHz; • 1.4 in the frequency range from 8 to 12.4 GHz; • 1.5 in the frequency range from 12.4 to 18 GHz; • 1.6 in the frequency range from 18 to 26.5 GHz; 	Maximum input power: <ul style="list-style-type: none"> • 250 W in the frequency range from 0 to 3 GHz; • 150 W in the frequency range from 3 to 8 GHz; • 120 W in the frequency range from 8 to 12.4 GHz; • 100 W in the frequency range from 12.4 to 18 GHz; • 40 W in the frequency range from 18 to 26.5 GHz
The impedance of all radio frequency channels 50 Ohm	Type of switching element - relay Radiall R591702610
Technical characteristics of one switching element: <ul style="list-style-type: none"> • Coaxial Connector Type: SMA; • Frequency Range: DC-26.5 GHz; • Type of relay: normally open; • Configuration: SP6T (1-in-6 multiplexer); • Rated voltage of the coil: 12 V; • Rated coil current: 250 mA; • Operating temperature: -40 ... + 85°C. 	