

PXI Switch Modules

National Instruments announces the release of four 26.5 GHz PXI switch modules and the latest version of the company's NI Switch Executive switch management software for PXI-based RF and microwave test applications. The switches, combined with the new per-path calibration capability of NI Switch Executive 2.1, offer modularity and programming flexibility for communication test systems. The National Instruments PXI-2596, PXI-2597, PXI-2598 and PXI-2599 are multiplexers, SPDT relays and transfer switch modules designed for routing RF or microwave signals in automated test applications. The modules offer 26.5 GHz switching in multiple PXI configurations for a complete switching solution on one platform. Using microwave relays from Radiall, each module is designed to operate with < 1 dB insertion loss up to 26.5 GHz, minimizing impact on the test system and appearing almost invisible to signals at much lower frequencies. They are appropriate for passing high-order harmonics from RF upconverters, such as the NI PXI-5671 2.7 GHz vector signal generator, or routing multiple sources to RF downconverters, such as the NI PXI-5660 2.7 GHz vector signal analyzer.

National Instruments

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