

## Holzworth HSY9100A Series

ULTRA LOW PHASE NOISE  
MULTI-CHANNEL  
RF SYNTHESIZERS



The HSY9100 Series RF synthesizers offer industry-leading phase noise and spectral purity performance as a multi-channel CW signal source. The compact 1U chassis allows for anywhere from 1 to 2 independently tunable channels (frequency / phase offset / amplitude) to optimize channel density within test system racks where real estate is limited. Application specific frequency options can be configured to cover combinations of 10 MHz to 3 GHz, 6 GHz, 12 GHz, and 20 GHz. Each broadband channel output provides an accurate dynamic range of up to +18 dBm to -110 dBm. Holzworth's unique multi-loop architecture provides the ultimate in frequency accuracy, channel-to-channel stability, and phase coherency.

