

WL-FlexDDS-NG

Multi-Channel Agile Radio Frequency Source

Order code: WL-FlexDDS-NG-Rack

Multi-channel phase continuous direct digital signal generator mainframe.

- Can hold up to 6 of the WL-FlexDDS-NG-1GS slots
- Includes Gbit interface, power supply, 10 MHz reference clock input and output, synchronization and trigger signals
- Integrated computer with dual-core 900 MHz ARM processor running Linux: More than 500 MB of command storage in the rack



Order code: WL-FlexDDS-NG-1GS

Dual-channel phase continuous direct digital signal synthesizer to be plugged into the FlexDDS-NG rack mainframe.

- Two independent output channels with **precisely known phase relationship**
- Two independent high speed **analog modulation inputs**: Amplitude, phase, frequency or polar modulation from analog signal sources with up to **20 MHz bandwidth**; slope and intercept of the transfer function can be digitally set
- Three real-time **digital IOs** for **external triggering** and other functions

