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Specifications

This appendix lists specifications for the NI 6703/6704. These specifications are valid for an ambient temperature of 0 to 55 °C, unless otherwise noted.

Analog Output

Number of voltage channels	16
Number of current channels on the NI 6704.....	16
Resolution	16-bit
Recommended warm-up time	15 minutes

Transfer Characteristics

INL	±1 LSB max
DNL	±1 LSB max
Monotonicity	16 bits, guaranteed

Voltage Output

Range	±10.1 V
Output coupling.....	DC
Output impedance	0.1 Ω max
Current drive	±10 mA max
Load capacitance.....	10,000 pF max
Protection	Short-circuit to ground
Absolute accuracy	±1 mV max