

Noise 100 μ V rms, DC to 1 MHz
 Power-on state Independent, user-defined values

Current Output (NI 6704 Only)

Range 0.1 to 20.2 mA
 Type Source, does not require external excitation source
 Output impedance 1 G Ω min
 Output compliance 0 to 10 V, not clamped
 Absolute accuracy ± 2 μ A max
 Noise 1 μ A_{rms}, DC to 1 MHz
 Protection Short-circuit and open circuit
 Power-up state Independent, user-defined values

Dynamic Characteristics

Settling time (including channel latency)

Accuracy	Time
$\pm 0.1\%$	1.8 ms typ, 5.6 ms max
$\pm 0.01\%$	3.6 ms typ, 11.2 ms max
$\pm 0.001\%$	14.4 ms typ, 48.8 ms max

Stability

Offset temperature coefficient

Voltage 5 μ V/°C
 Current (NI 6704 only) 10 nA/°C

Gain temperature coefficient

Voltage 1 ppm/°C
 Current (NI 6704 only) 2 ppm/°C