

HP 8751A Network Analyzer Specifications

SOURCE	
Frequency Characteristics	
Range	5 Hz to 500 MHz
Resolution	1 mHz
Accuracy	± 20 ppm, ± 1.0 ppm (Option 001)
Stability	± 2.5 X 10 ⁻⁹ /8 hours (typical 23±5°C with Option 001)
OUTPUT CHARACTERISTICS	
Power Range	-50 to 15 dBm
Resolution	0.1 dB
Flatness	± 2.0 dB @ 5 Hz ≤ freq. ≤ 500 MHz (23 ± 5°C, +0 dBm, relative to 50 MHz)
Level Accuracy	± 0.5 dB @ output level ≥ -35 dBm; ± 1.5 dB @ output level < -35 dBm (50 MHz, relative to 0 dBm)
Impedance	50 Ω
RECEIVER	
Frequency Range	5 Hz to 500 MHz
Input Range	0 dBm @ ATT = 20 dB; -20 dBm @ ATT = 20 dB
IF Bandwidth	2 Hz, 20 Hz, 200 Hz, 1 kHz, 4 kHz
Noise Level	-130 dBm @ IFBW = 20 Hz, ATT = 0 dB, frequency ≥ 100 kHz
Maximum Input Level	0 dBm
Impedance	50 Ω
Crosstalk	< -100 dB
Dynamic Accuracy	± 0.02 dB, ± 0.12° (input level -10 to -50 dB, 20 Hz IFBW)
DELAY CHARACTERISTICS	
Aperture Frequency	0.5 to 20%
Display Range	10 ps to 500 s
Accuracy	(Phase Accuracy)/(360 X aperture)
Size	425 mm W X 235 mm H X 553 mm D (16.75 in X 9.25 in X 21.77 in)
Weight	28 kg (61.6 lb.)