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Find the *Keysight / Agilent 8350B* at our website: ***Click HERE***

83592C RF Plug-in for the Agilent 8350B, 10 MHz to 20 GHz, Low Harmonics (Discontinued - Support Information Only)

Data Sheet

Frequency Characteristics:
Range Band 0: 0.01 to 2.4 GHz
Band 1: 2.4 to 7 GHz
Band 2: 7 to 13.5 GHz
Band 3: 13.5 to 20 GHz
Full Band: 0.01 to 20 GHz
Accuracy CW Mode Band 0: ±15 MHz
Band 1: ±5 MHz
Band 2: ±10 MHz
Band 3: ±10 MHz
All Sweep Modes Band 0: ±15 MHz
Band 1: ±20 MHz
Band 2: ±25 MHz
Band 3: ±30 MHz
Full Band: ±50 MHz
Frequency Markers Band 0: ±15 MHz, ±0.5% of sweep width
Band 1: ±20 MHz, ±0.5% of sweep width
Band 2: ±25 MHz, ±0.5% of sweep width
Band 3: ±30 MHz, ±0.5% of sweep width
Full Band: ±50 MHz, ±0.5% of sweep width
Stability With Temperature Band 0: ±200 kHz/°C, typical
Band 1: ±200 kHz/°C, typical
Band 2: ±400 kHz/°C, typical
Band 3: ±600 kHz/°C, typical
Full Band: ±600 MHz/°C, typical
With 10 dB Power Change: Band 0: ±200 kHz/°C
Band 1: ±200 kHz/°C
Band 2: ±400 kHz/°C
Band 3: ±600 kHz/°C
Full Band: ±600 MHz/°C
With 3:1 Load SWR: Band 0: ±100 kHz
Band 1: ±100 kHz
Band 2: ±200 kHz
Band 3: ±300 kHz
Full Band: ±300 MHz

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Output Characteristics:
Maximum Leveled Power: Normal: Band 0: 10 mW
Band 1: 4 mW
Band 2: 4 mW
Band 3: 4 mW
Full Band: 10 mW
Option 002: Band 0: 10 mW
Band 1: 3.2 mW
Band 2: 2.5 mW
Band 3: 2.2 mW
Full Band: 1.4 mW
Power Level Accuracy: Band 0: ±1.5 dB
Band 1: ±1.3 dB
Band 2: ±1.3 dB
Band 3: ±1.4 dB
Full Band: ±1.4 dB
Spurious Signals: Harmonics and Subharmonics Band 0: 0.01 to 1.5 GHz, <-25 dBc
Band 1: <-45 dBc (<-20 dBc typical)
Band 2: <-45 dBc (<-20 dBc typical)
Band 3: 14 to 20 GHz <-45 dBc
Band 4: 26.5 to 40 GHz <-20 dBc
Output Power Resolution Displayed: 0.1 dB Programmable/Settable: 0.01 dB
Minimum Settable Power: -5 dBm (-60 dBm with Option 002)
Power Sweep Calibrated Range: >15 dB (>12 dB with Opt ion002) Accuracy (including linearity): ±1.5 dB, typical Resolution (displayed): 0.1 dB

Modulation Characteristics:
External AM Frequency Response: 100 kHz, typical Maximum Input: 15 V Range of Amplitude Control: 15 dB, typical Sensitivity: 1 dB/V, typical Input Impedance: @ 10 kohms
External FM Maximum Deviations for Modulation Frequencies DC to 100 Hz: ±75 MHz 100 Hz to 1 MHz: ±7 MHz 1 MHz to 2 MHz: ±5 MHz 2 to 10 MHz: ±1 MHz
Sensitivity (switch selectable) FM Mode: -20 MHz/V, typical Phase Lock Mode: -6 MHz/V, typical Input Impedance: @ 2 kohms

General Specifications:
Minimum Sweep Time: 10 ms (single band) 30 ms (full band)
Auxiliary Output Rear Panel: 2.3 to 7 GHz Fundamental Oscillator Output: 0 dBm, nominally
Frequency Reference Output 1 V/GHz ±25 mV: <1.06 GHz 1 V/GHz ±2.5% of reading: 1.0 to 18 GHz
RF Output Connector: Type-N, female
Net Weight: 7.1 kg (15.7 lb)
Shippingt Weight: 10.2 kg (22.5 lb)
Furnished: Operating/service manual



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