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## Specifications

All specifications for the E9300A Option H24 are identical to the E9300A with the following exceptions:

Table 1 Frequency Range and Connector Type

Frequency Range	50 MHz to 24 GHz
Connector	3.5 mm
Power Range	10 nW (–60 to +20 dBm)

Table 2 Maximum SWR (25 °C ± 10 °C)

Frequency	SWR
50 MHz to 2 GHz	1.13
2 GHz to 14 GHz	1.19
14 GHz to 16 GHz	1.22
16 GHz to 18 GHz	1.26
18 GHz to 24 GHz	1.30 <sup>1</sup>

1. Characteristic

Table 3 Maximum SWR (0 °C to +55 °C)

Frequency	SWR
50 MHz to 2 GHz	1.15
2 GHz to 14 GHz	1.20
14 GHz to 16 GHz	1.25
16 GHz to 18 GHz	1.27
18 GHz to 24 GHz	1.30 <sup>1</sup>

1. Characteristic

Max DC Volts: 10 Volts

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NOTE Maximum Calibration Factor uncertainties are shown in the following tables. The calibration report that is shipped with each power sensor indicates the Cal Factor uncertainty data for that specific sensor as measured at the factory. Refer to the E9300A Power Sensors Operating and Service Guide (E9300-90016) for more information about Calibration Factor and Reflection Coefficient data.

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Table 4 Cal Factor Uncertainty (Low Power Path, -60 dBm to -10 dBm)

Frequency	Uncertainty (25 °C ±10 °C)	Uncertainty (0 °C to +55 °C)
50 MHz to 500 MHz	± 1.6%	± 2.0%
500 MHz to 1.2 GHz	± 1.8%	± 2.5%
1.2 GHz to 6 GHz	± 1.7%	± 2.0%
6 GHz to 14 GHz	± 1.8%	± 2.0%
14 GHz to 18 GHz	± 2.0%	± 2.2%
18 GHz to 24 GHz	± 3.0%	± 3.5%

Table 5 Cal Factor Uncertainty (High Power Path, -10 dBm to +20 dBm)

Frequency	Uncertainty (25 °C ±10 °C)	Uncertainty (0 °C to +55 °C)
50 MHz to 500 MHz	± 2.3%	± 3.0%
500 MHz to 1.2 GHz	± 2.8%	± 4.0%
1.2 GHz to 6 GHz	± 2.3%	± 2.1%
6 GHz to 14 GHz	± 2.4%	± 2.3%
14 GHz to 18 GHz	± 2.7%	± 3.3%
18 GHz to 24 GHz	± 3.5%	± 4.0%