

Specifications

Instrument specifications are listed in Table 1. The specifications are the performance standards, or limits, against which the instrument may be tested.

Table 1 *Specifications*

Specified Information	Agilent 911D Load	Agilent 911E Load
Connector type	APC 3.5	APC 3.5
Connector sex	Male	Female
Frequency range	3 to 26.5 GHz (usable to 33 GHz)	3 to 26.5 GHz (usable to 33 GHz)
Load stability (plus connector and air line)		
3 to 20 GHz	<0.004	<0.004
20 to 26.5 GHz	<0.004	<0.004
Power rating		
Average	1 W	1 W
Peak	1 kW	1 kW
Load element travel	Half of a wavelength at 3.0 GHz (5 cm minimum)	
Dimensions		
Length	25.6 cm (10.1 in)	25.6 cm (10.1 in)
Weight	120 g (4.25 oz)	120 g (4.25 oz)

Environment

Keep the environments where the instrument is to be used or stored and shipped within the following conditions.

Parameter	Equipment Operation	Equipment Storage and Shipping
Temperature	+15 °C to +35 °C (or network analyzer operating temperature range, whichever is less)	-40 °C to +70 °C
Relative Humidity	<80% relative humidity at 40 °C	<90% relative humidity at 40 °C
Altitude	<4,570 m (15,000 ft)	<15,300 m (50,000 ft)