

Table 1-1. Specifications

**SPECIFICATIONS**

Frequency Range: 40 MHz to 18 GHz

Maximum Input Power: +15 dBm (31.6 mW)

Frequency Range	Equivalent Directivity	Equivalent Output SWR
40 to 100 MHz	$\geq 30$ dB	$\leq 1.25$
0.1 to 1 GHz	$\geq 38$ dB	$\leq 1.25$
1 to 2 GHz	$\geq 36$ dB	$\leq 1.25$
2 to 4 GHz	$\geq 33$ dB	$\leq 1.25$
4 to 8 GHz	$\geq 29$ dB	$\leq 1.25$
8 to 12 GHz	$\geq 27$ dB	$\leq 1.27$
12 to 18 GHz	$\geq 26$ dB	$\leq 1.52$

Input SWR:  $\leq 1.92$

**Frequency Tracking:**

Between Incident and Reflected ports:  $\leq 3.2$  dB

Between Incident and Test ports:  $\leq 4.2$  dB

(Includes 11664A Detector)

**Connectors:**

Standard: Type N-Female (Input and Output)

Option 001: Input Type N-Female, Output Type N-Male

Option 002: Input Type N-Female, Output APC-7

Option 003: APC-7 (Input and Output)

**Dimensions:**

69.9 mm wide X 69.9 mm high X 46.6 mm deep

(2.75 inches X 2.75 inches X 1.83 inches)

Cable Length: 1219 mm (48 inches)

**Weight:** Net, 0.7 kg (1.5 lb.)

Shipping, 2.26 kg (5.13 lb.)