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## Specifications and Characteristics

**Table 5-1. 87075B Specifications**

Parameter	Specification
Frequency Range	3 MHz to 1.2 GHz
Isolation <sup>1</sup>	>60 dB
Return Loss <sup>2</sup>	> 17 dB
Insertion Loss <sup>3</sup>	<5.5 dB
Input Power Damage Level	> +20 dBm

1 Between any two non-connected signal paths

2 When properly terminated in 75  $\Omega$

3 From any test set port to the reflection or transmission port

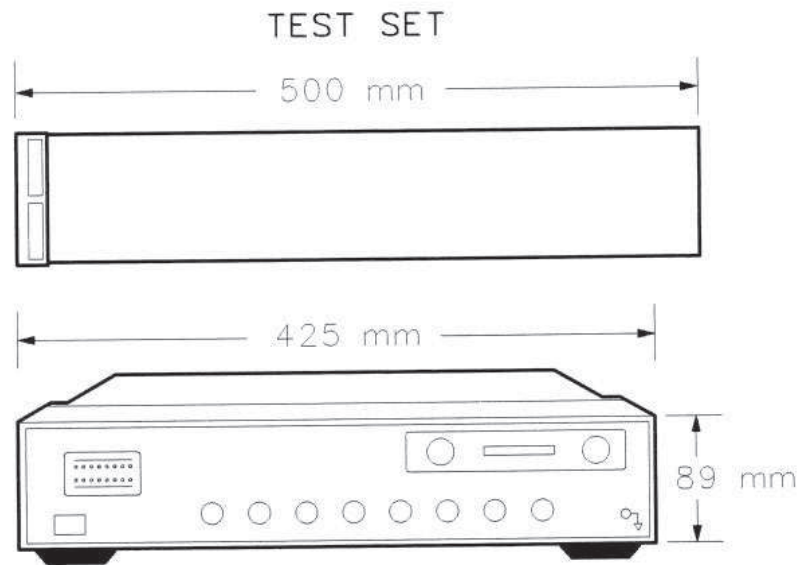
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# General Characteristics

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## Environmental Characteristics

<b>General Conditions</b>	ESD (electrostatic discharge): must be eliminated by use of static-safe work procedures and an anti-static bench mat (such as HP 92175T).
<b>Operating Environment</b>	Indoor use only Operating temperature: 0 ° to 55 °C Maximum relative humidity: 80 percent for temperatures up to 31 °C decreasing linearly to 50 percent relative humidity at 40 °C. Altitude: up to 15,000 feet (4,572 meters)
<b>Non-Operating Storage Conditions</b>	Temperature: -40 °C to +70 °C Humidity: 0 to 90 percent relative at +65 °C (non-condensing) Altitude: 0 to 15,240 meters (50,000 feet)
<b>Weight</b>	Net: Approximately 7 kg Shipping: Approximately 20 kg
<b>Cabinet Dimensions</b>	These dimensions exclude front and rear panel protrusions. 89 mm H × 425 mm W × 500 mm D (3.51 in × 16.75 in × 19.7 in)



pr610b

**Physical Dimensions**

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## Hewlett-Packard Sales and Service Offices

If you should need technical assistance, contact the nearest Hewlett-Packard sales or service office. See Table 5-2 on the next page.

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### HP 87075B Option H08 Options

UK6	Option UK6 provides a commercial calibration certificate including actual test data. Data includes test results of 23 tests including reflection, transmission, and isolation.
Rack Ear Mounts	<p>Option 908 (HP p/n 5062-3974) provides rack mounts that make it quick and easy to install or remove the test set from a main frame.</p> <p>For further information on these options please contact the nearest Hewlett-Packard sales or service office. See Table 5-2 on the next page.</p>