

1. GENERAL INFORMATION

2. The Hewlett-Packard Model 11667A Power Splitter is a two-resistor type power splitter for use in network measurement where one arm of the power splitter is used for leveling or to supply a reference signal for a ratio measurement. This manual explains how to use the power splitter, describes tests used to verify the specifications, and explains repair of the instrument.

3. On the rear cover of this manual, below the manual part number, is a "Microfiche" part number. This number may be used to order a 4- x 6-inch microfilm transparency of this manual.

4. Specifications

5. Instrument specifications are listed in Table 1. These specifications are the performance standards, or limits, against which the power splitter may be tested. A list of typical operating characteristics is provided in Table 2. They are included as additional information only; they are not specifications.

6. Safety Considerations

7. Do not apply a signal greater than +27 dBm (0.5 Watt) or damage to the power splitter may result.

Table 1. Model 11667A Specifications

SPECIFICATIONS

Frequency Range: DC to 18 GHz

Maximum Input Power: +27 dBm

	Frequency (GHz)		
	DC to 4	DC to 8	DC to 18
Input SWR	≤1.15	≤1.25	≤1.45
Equivalent Output SWR (Leveling or ratio measurement)	≤1.10	≤1.20	≤1.33
Output Tracking (between output arms)	0.15 dB	0.20 dB	0.25 dB

Connectors: Type N Female on all ports

Option 001: Type N Male on Input and Type N Female on Output Ports

Option 002: Type N Female on Input and APC-7 on Output Ports

Dimensions: 52 mm wide x 46 mm high x 19 mm deep (2.06" x 1.82" x 0.76")

Shipping Weight: 0,22 kg (8 oz.)