

# 11678A LOW PASS FILTER KIT

11684A

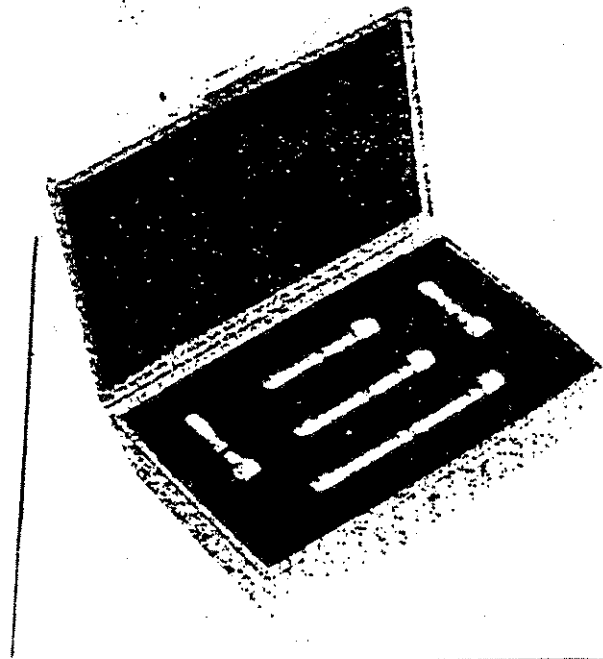
11685A

11686A

11688A

11689A

Low Pass Filters



NOVEMBER 1976



HEWLETT  
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1400 FOUNTAIN GROVE PARKWAY, SANTA ROSA, CALIFORNIA, U.S.A.

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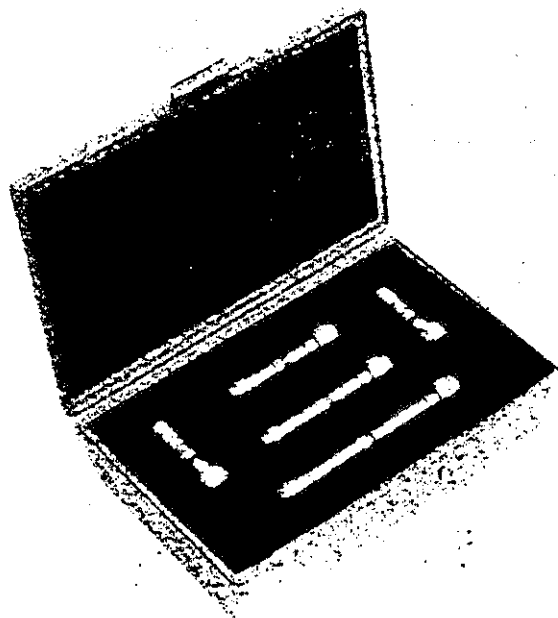
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**DESCRIPTION:**

The HP 11678A Low Pass Filter Kit contains five low-pass filters, one each of the following: 11688A, 11689A, 11684A, 11685A, and 11686A. These filters are matched to the HP 8620 Series Sweep Oscillator frequency bands. The use of these filters is recommended to reduce undesirable harmonics generated by the power source when making precise broadband detector measurements.

**SPECIFICATIONS:****Frequency Range: Cutoff Frequency ( $f_c$ ):**

11688A:	2.8 GHz
11684A:	6.8 GHz
11689A:	4.4 GHz
11685A:	9.5 GHz
11686A:	13.0 GHz

**Insertion Loss:** Typically  $< 1.1$  dB at  $.95 f_c$

**Rejection:** Typically  $> 40$  dB at  $1.25 f_c$

**Impedance:** 50 $\Omega$  Nominal

**Connectors:** Type N Male one end. Type N Female one end

**Weight:**

Net:	0.44 kg (1 lb)
Shipping:	1.2 kg (2.9 lb)

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