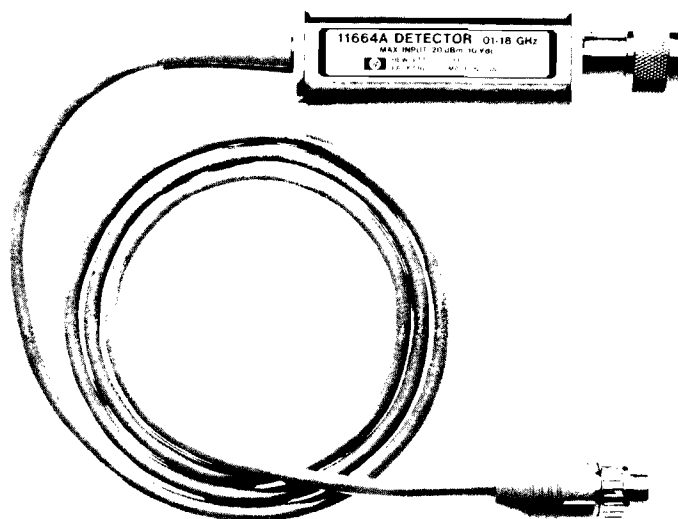




METAF

Electronic Solutions – since 1993

HP 11664A DETECTOR



HEWLETT
PACKARD

Model 11664A

Table 1-1. Specifications

SPECIFICATIONS

FREQUENCY

Frequency Range: 10 MHz to 18 GHz

REFLECTION

Return Loss (15 - 35° C):

10 MHz to 40 MHz: ≥ 10 dB (≤ 1.92 SWR)

40 MHz to 4 GHz: ≥ 20 dB (≤ 1.22 SWR)

4 GHz to 12 GHz: ≥ 18 dB (≤ 1.29 SWR)

12 GHz to 18 GHz: ≥ 16 dB (≤ 1.38 SWR)

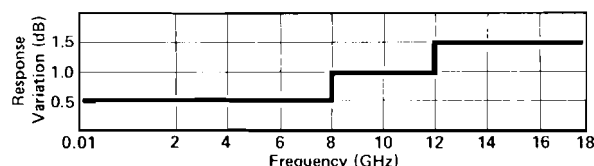
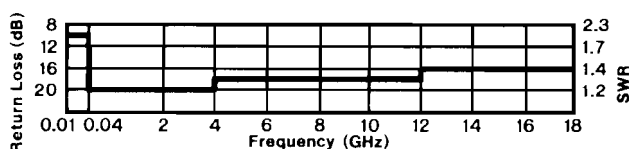
TRACKING BETWEEN TWO HP 11664A DETECTORS

Tracking between two HP 11664A Detectors:
Specified at same relative power level. Does not
include mismatch or coupler uncertainties.

10 MHz to 8 GHz: < 0.5 dB

8 GHz to 12 GHz: < 1.0 dB

12 GHz to 18 GHz: < 1.5 dB



GENERAL

Input Power Range: +10 to -50 dBm

Temperature Range: Operation: 0° to 55°C (32° to 131°F);
Storage: -40° to 75°C (-40° to 167°F)

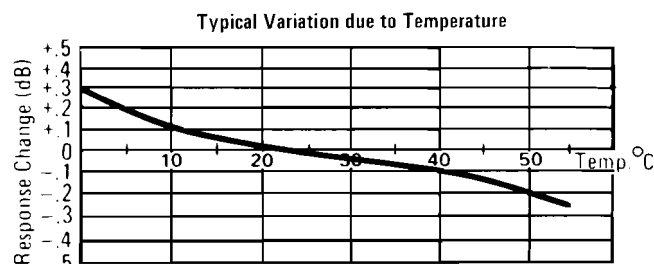
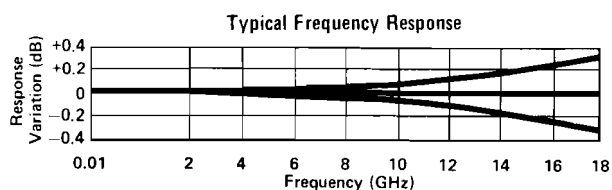
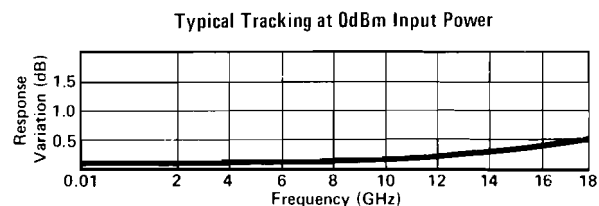
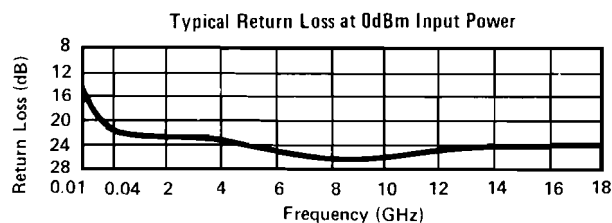
Input Impedance: 50 ohms nominal

Connectors: Standard: Type N male
Option 001: APC-7®
Special Order: Type N Female

Dimensions: Cable length is 1.2 metres (4 feet)

Weight: Net 0.17 kg (6 oz.)

Table 1-2. Supplemental Characteristics



GENERAL

Input Damage Level:
+ 20 dBm (100 mW) RF power 10 Vdc