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HEWLETT PACKARD

TERMINATION - 50 OHM FEEDTHROUGH

Model 10100C

OPERATING NOTE/JUNE 1981

1. INTRODUCTION.

2. The Model 10100C is a 50-ohm feedthrough termination. Table 1 lists the specifications and Table 2 lists the recommended test equipment needed to perform the DC resistance checks.

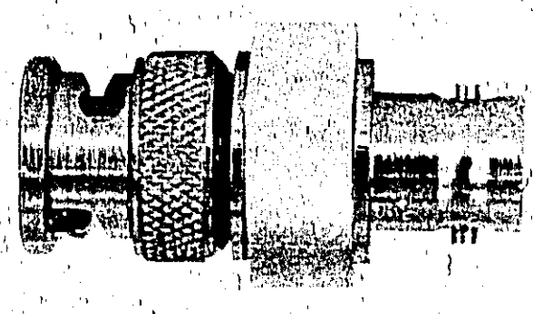


Figure 1. Model 10100C Termination 50-ohm Feedthrough

Table 2. Recommended Test Equipment

Type	Model	Required Characteristics
Digital Multimeter	HP Model 3465A/B	Resistance: 10 megohms Accuracy: .1%

3. DC RESISTANCE CHECK.

4. Use a digital voltmeter to verify that the DC resistance from center conductor to outer conductor is 50 ohms ±1%.

Table 1. Specifications

Resistance: 50 ohms ±1%	Power Dissipation: Maximum: 1 kilowatt Average: 2 watts
VSWR Maximum: dc to 300 MHz 1.1:1	

Operating Note Part Number 10100-90905
Microfiche Part Number 10100-90805

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For more information, Call Your Local HP Sales Office or, in U.S., East (201) 265-5000, Midwest (312) 677-0400, South (404) 436-6181 West (213) 877-1282. Or, write: Hewlett-Packard, 1501 Page Mill Road, Palo Alto, California 94304. In Europe, Post Office Box 85, CH-1217 Meyrin 2, Geneva, Switzerland. In Japan, YHP, 1-59-1, Yoyogi, Shibuya-ku, Tokyo, 151.

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