

SPECIFICATIONS

TYPE 1212-A UNIT NULL DETECTOR

Sensitivity: Less than 40 μv input at 1 kc required to deflect meter 1% of full scale.

Voltage Response: See Figure 3.

Power Supply: 325 v dc at 40 ma; 6.3 v ac at 0.9 amp
Type 1203 or 1201 Unit Power Supply recommended.

Frequency Response: See Figure 4.

Hum and Noise Level: Hum, 20 μvolts ; broad-band noise, 30 μvolts .

Accessories Supplied: Type 874 Coaxial Cable Connector, multipoint socket for power supplies other than Unit Power Supplies, and locking strips to attach Unit Power Supply to Null Detector.

Accessories Available: Power supplies (Page 7), Relay-Rack Adaptor Set, Part No. 0480-9986. For special accessories, see below.

Dimensions: Width 10-3/4, height 5-3/4, depth 6-1/4 inches (275 by 150 by 160 mm), over-all.

Weight: 4-3/4 pounds (2.2 kg).

General Radio EXPERIMENTER reference: Vol 27, No. 9, February, 1953.

U.S. Patent Nos 2,548,457 & D187,740

SPECIAL ACCESSORIES AVAILABLE BUT NOT SUPPLIED

TYPE 1212-P1 HIGH-PASS FILTER

Attenuation Characteristics: See Figure 6.

Nominal Load Impedance: One megohm.

Input Voltage Limit: 150 volts maximum.

Terminals: Type 874 at each end.

Dimensions: Diameter 7/8 in., length 4-3/8 in. (22 by 110 mm).

Weight: 3 oz. (85 grams).

General Radio EXPERIMENTER reference: Vol 27, No. 9, February, 1953.

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TYPE 1212-P2 1-MC FILTER

Insertion Gain: When used with Type 716-CS1 Capacitance Bridge and Type 1212-A Unit Null Detector, the insertion gain at 1 Mc varies from 22 db in measurement of 100- μmf capacitors to 32 db with 1000 μmf .

Sensitivity: With Type 1212-A, typically 4 μv (open-circuit voltage behind 50 ohms) for 1% meter deflection.

Second-Harmonic Rejection: At least 39 db.

Maximum Input Voltage: 200 volts.

Terminals: Type 874 at each end.

Dimensions: Diameter 2 in., length 5 in. (51 by 130 mm).

Weight: 9 oz (255 grams).

General Radio EXPERIMENTER reference: Vol 30, No. 8, January, 1956.

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