

#### DESCRIPTION:

The RW-151D RF Wattmeter/Dummy Load is used instead of an antenna for the matching, adjusting and testing of a transmitter. The RF Wattmeter/Dummy Load is a device for providing an indicating circuit with the artificial or "dummy" load so that output of a transmitter may be measured.

When equipment is adjusted or tested with this meter, no significant external radiation occurs, provided all the following precautions are observed:

- (1) The cable from the transmitter has both connectors securely tightened.
- (2) All transmitter shields are in place with all screws tightened.

This instrument is suitable for use in communications equipment servicing and adjustment in public schools, vocational schools, colleges, industrial laboratories, plus military applications.

#### FEATURES:

1. Wide frequency range (1.9 - 500MHz)
2. No frequency calibration required.
3. Wide power range.
4. Excellent V.S.W.R. - Less than 1.15 at 500MHz.
5. Easy handling by push button system and BNC connector.
6. Wide scale and mirror on meter for accurate reading.
7. Specially selected High frequency type resistor for accurate measurement in UHF range.

#### SPECIFICATIONS:

Frequency range ..... 1.9 MHz - 500MHz.  
RF Power range ..... 5W/25W/150W  
Impedance ..... 50 ohms  
V.S.W.R. .... less than 1.15  
Accuracy ..... within 10% / F.S.V.  
Connector ..... M type  
Size ..... 270 x 110 x 175 mm  
Weight ..... 2 Kgs.

BNC OUTPUT TERMINAL( Located by back panel )

BNC Output terminal is used measurement with Frequency counter, Oscillo scope, and Monitor scope.

( The Voltage ratio is attenuated  $\rightarrow$  2dB on the input level. )