



RITEC RT-50-B HIGH POWER 50 OHM TERMINATIONS

Two RT-50-B 50 ohm terminations have been provided with the SNAP system. These terminations are required to properly terminate the RA-31 and RA-32 switched attenuators for amplitude dependent measurements of the harmonics generated by nonlinearities in the sample. The RT-50-B terminations are also of great assistance, by providing a load for the gated amplifiers, in reducing distortion whenever the system is being used with high impedance piezoelectric transducers.

The termination is capable of dissipating 12 watts of average power, however, it is recommended that the duty cycle does not exceed 0.15% with a 5KW RMS pulse output (1400 V peak-to-peak).