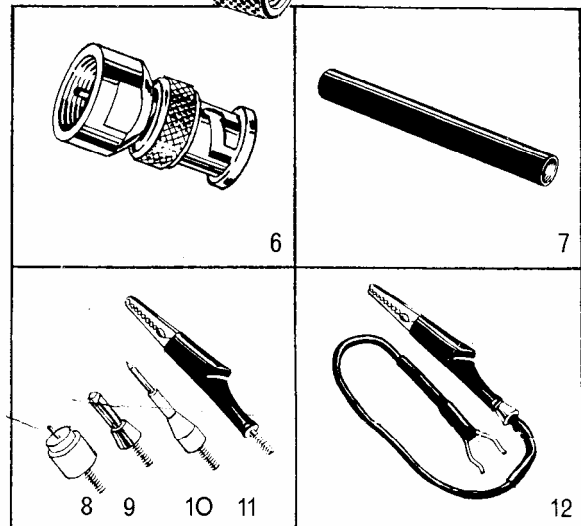


PASSIVE PROBE KIT GE 81004



comprising :

- 1 GE 81030 SPRUNG HOOK
- 2 GE 81013 PROBE ATTENUATOR 10:1
- 3 GE 81050/42" LEAD ASSEMBLY
- 4 GE 81040 VARIABLE CAPACITOR
- 5 ST 102412 UHF MALE COUPLING
- 6 ST 102406 BNC MALE COUPLING
- 7 GE 81011 PROBE ATTENUATOR 1:1
- 8 GE 81027 BNC TIP
- 9 GE 81028 4 m/m PLUG
- 10 GE 81026 SPIKE
- 11 GE 81029 CROCODILE CLIP
- 12 GE 81020 EARTH LEAD 6"
ST 102505 SPANNERS 2 off.



Complete with Plastic Wallet.

This Probe Kit is for use with instruments having an input resistance of 1 Megohm and capacities of 15-55 pf. Additional mating couplings are available with TNC, N or C interfaces as extras. Variations are also available to order for instruments having different input resistances and/or capacities.

GE 81004 Specification

ATTENUATION RATIOS	—	X1 and X10
INPUT RESISTANCE	—	1 Megohm on X1 and 10 Megohms on X10
INPUT CAPICITANCE	—	11 pf (nominal) on X10
BANDWIDTH	—	DC to 50 Mc/s.
RISE TIME	—	7 ns maximum
OVERSHOOT	—	< 2% on 3 ns pulse
WORKING VOLTAGE	—	600v Peak

Setting up Procedure

The Probe should be compensated each time it is transferred from one oscilloscope or plug-in unit to another. This will ensure that accurate attenuation is maintained over the whole frequency range.

To compensate the Probe, connect the Probe tip to a square wave source such as a 1 Kc. oscilloscope calibrator. Loosen the narrow knurled locking ring on the variable capacitor and swing the adjacent wide knurled ring until the displayed waveform is free of overshoot or undershoot. Holding the wide ring in position tighten the locking ring to prevent the variable capacitor from moving. Re-check the waveform.

The BNC and UHF Terminations may be changed by using the two spanners from the kit on the flats which are provided on the terminations and variable capacitor.