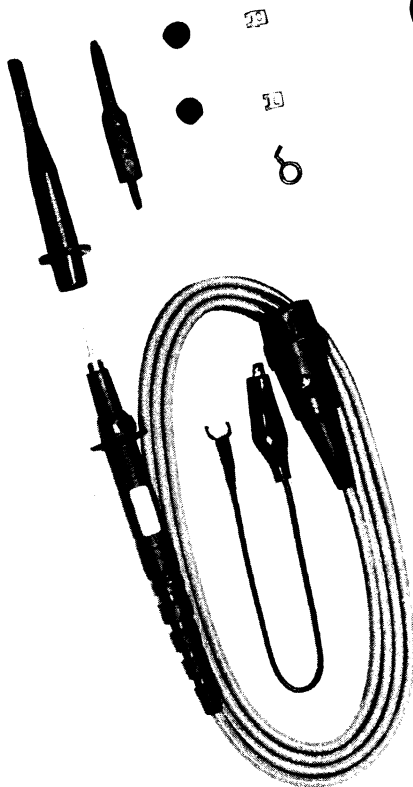


Oscilloscope Probe Kit

Model. LF-210E

CE



INTRODUCTION:

LF-210E IS A X1, 10X ATTENUATOR MODULAR PROBE, DESIGNED FOR USE WITH D.C TO 100 MHz OSCILLOSCOPE WITH INPUT IMPEDANCE OF 1 MEG OHM.

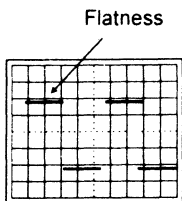
THE PROBE CONSISTS OF 3 SEPARATE UNITS:

1. BNC MALE CONNECTOR AND COMPENSATION BOX
2. PROBE BODY INCLUDING PROBE TIP AND R.C. ASSEMBLIES
3. APPROX. 1.3M CABLE

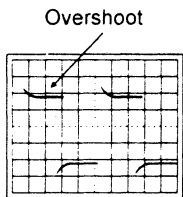
WAVEFORM COMPENSATION:

TO GET BEST WAVEFORM

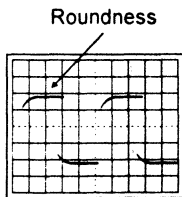
1. CONNECT PROBE BNC TO OSCILLOSCOPE BNC
2. PUT SLIDE SWITCH IN POSITION X10
3. TOUCH PROBE TIP TO OSCILLOSCOPE CAL.
4. ADJUST CAPACITOR TRIMMER (IN COMP. BOX)



(A) CORRECT



(B) EXCESSIVE
COMPENSATION



(C) INSUFFICIENT
COMPENSATION

ENVIRONMENTAL CHARACTERISTICS:

INDOOR USE ONLY

ALTITUDE UP TO 2000M.

TEMPERATURE AMBIENT 5°C TO 40°C, MAX. 80% RH

INSTALLATION CATEGORY : II


POLLUTION DEGREE: 2

ELECTRICAL CHARACTERISTICS:

SPECIFICATION	X10	X 1
ATTENUATION	10 : 1	1 : 1
BANDWIDTH	DC TO 100MHz (+/- 3dB)	DC TO 6MHz (+/- 3dB)
INPUT CAPACITY	APPROX. 14pF (AT OSCILLOSCOPE INPUT 20 pF)	APPROX. 150pF
INPUT IMPEDANCE	10 MEGA OHM (AT OSCILLOSCOPE INPUT 1 M OHM)	1MEGA OHM
WORKING VOLTAGE:	600V DC INCL. PEAK AC DERATING WITH FREQUENCY (SEE FIG.1)	

CAUTION:



1.  = CAUTION, RISK OF ELECTRIC SHOCK
2. CAUTION = RISK OF ELECTRIC SHOCK, DO NOT CONNECT THE CROCODILE CLIP TO ANY HAZARDOUS VOLTAGE.

MAX. INPUT VOLTAGE 600 VOLTS D.C.

DO NOT APPLY EXCESSIVE VOLTAGE.

ACCESSORIES:

1. PINCHER TIP
2. GROUND LEAD
3. CABLE MARKER
4. SCREWDRIVER
5. IC TIP
6. GROUND BAYONET
7. BNC ADAPTOR
8. INSULATING TIP

Voltage derating curve

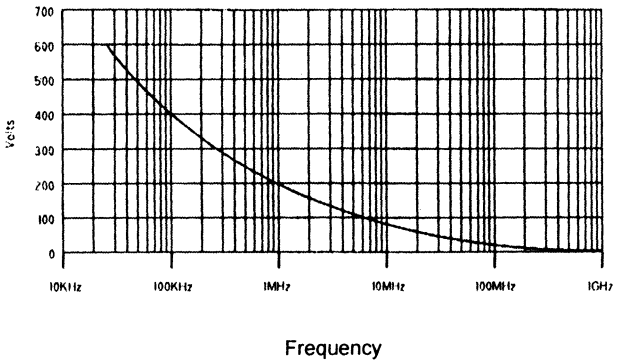


FIG. 1