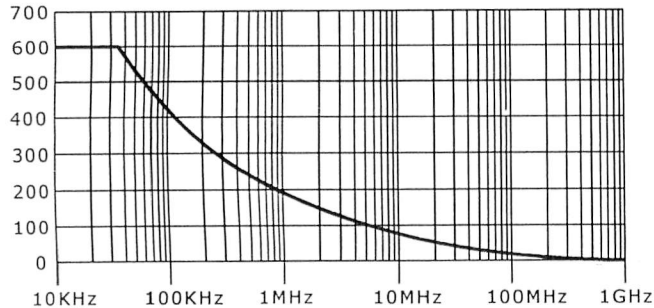


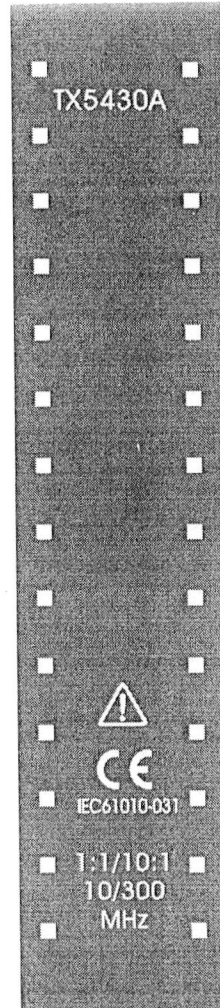
## X10 Position

Attenuation Ratio	X10
Bandwidth	DC to 300MHz
Rise time	1.17ns
Input Resistance	10M when used with Oscilloscopes with 1M input
Input Capacitance	Approx. 11pF
Compensation Range	10 to 35pF
Working Voltage	Max 600(DC+Peak AC)
Safety	Conformed IEC-1010
Cable Length	1.2Meter
Operating Temperature	0C to 50C, 80%RH
Storage Temperature	0C to 50C, 80%RH

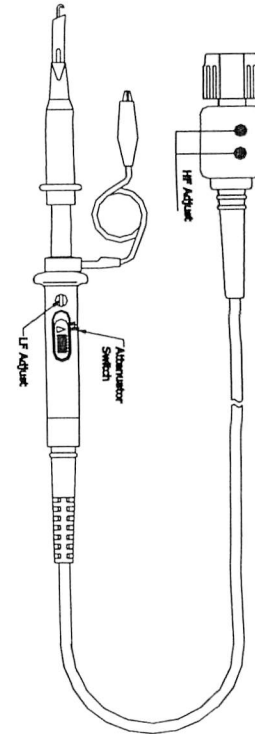
## VOLTAGE DERATING CURVE



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## Oscilloscope probe



User's manual

## INTRODUCTION

The TX5400A series is a passive high impedance oscilloscope probe designed and calibrated for use on instruments having an input impedance of 1M Ohm shunted by 15 pF. However, it may be compensated for use with instruments have an input capacitance of 10-35pF. And within the box cover located near the BNC have three adjust component for the high frequency Trimmer adjustment, the best take it to careerman for assistance

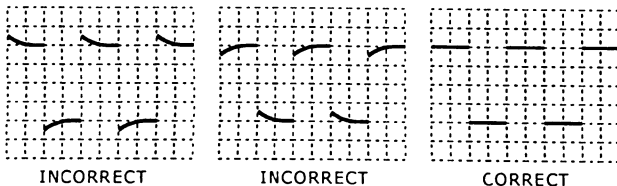
## LOW FREQUENCY COMPENSATION ADJUSTMENT

Low frequency response can be matched to the oscilloscope by adjusting the compensation trimmer on the head of the probe.

Connect the probe to the oscilloscope and to a 1KHz square waveform source.

Set the oscilloscope to display two to three cycles and two to six vertical divisions.

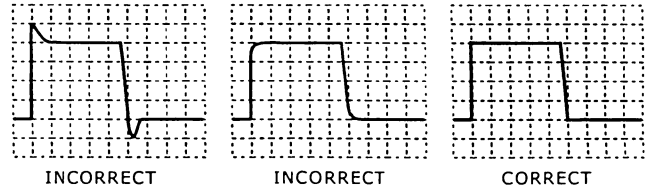
Carefully adjust the trimmer tool to obtain the flattest tops to the square waves displayed on the oscilloscope, see follow illustrations.



--1--

## HIGH FREQUENCY COMPENSATION ADJUSTMENT

The high frequency compensation box cover located near the connector, Use the BNC adapter, connected the probe to a square wave generator operating between 10KHz to 1MHz terminated into 50ohms. The square wave generator rise time should be approximately.125ns. Adjust each control until the leading edge of the waveform is as flat, square and horizontal as possible



## SPECIFICATIONS:

### X1 Position

Attenuation Ratio	1:1
Bandwidth	DC to 10MHz
Rise Time	35ns
Input Resistance	1M(Oscilloscope Input)
Input Capacitance	46pF plus oscilloscope capacitance
Working Voltage	600V DC incl. Peak AC Derating with frequency

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