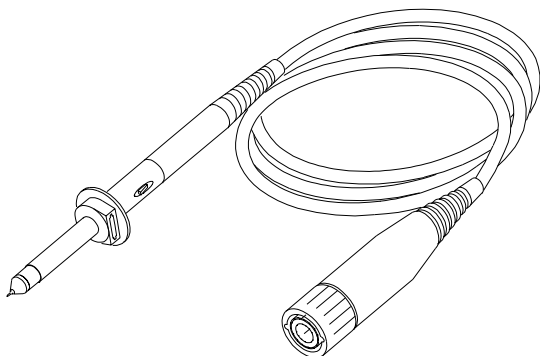





10070C and 10074C Oscilloscope Probes



Characteristics

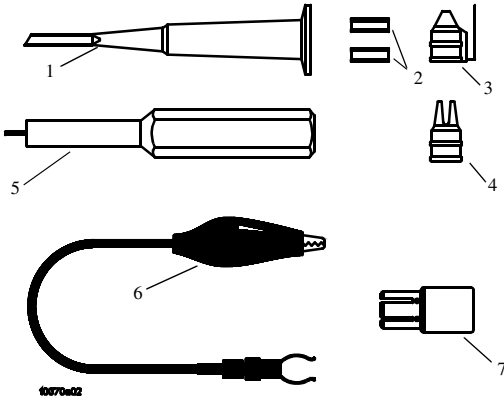
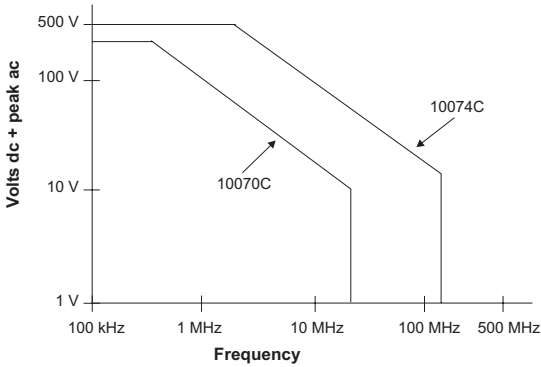
Operating Temperature	-10 ° C to 55 ° C	
Humidity	90% rh @ 40 ° C	
Shock	400g 1/2 sine wave on tip end 50g 1/2 sine wave on BNC end	
Propagation Delay	7 ns (1.5 m probe cable length)	
Altitude	4600 m (indoor use only)	
	Agilent 10070C	Agilent 10074C
System Bandwidth	20 MHz	150 MHz
System Risetime (Calculated)	<17.5 ns	<2.33 ns
Attenuation Ratio	1:1	10:1
Input Resistance (when terminated into 1 M Ω)	1 M Ω	10 M Ω
Input Capacitance	\approx 70 pF	\approx 15 pF
Maximum Input (dc + peak ac)	400 Vpk CAT I (mains isolated) 400 Vpk CAT II (post receptacle mains)	500 Vpk CAT I (mains isolated) 400 Vpk CAT II (post receptacle mains)
		
Compensation Range	None	9 - 17 pF
Probe Readout	No	Yes



The input voltage should not exceed the input voltage rating of the measuring instrument.

Cleaning. If your probe requires cleaning, disconnect it from the instrument and clean it with mild detergent and water. Make sure the probe is completely dry before reconnecting it to the instrument.

⚠ Probe Derating Curve (CAT I)



5081-7690 Accessory Kit

Item	Description	Qty
1	Retractable Hook Tip (Also available in a 2-pack under Model Number N2769A)	1
2	Orange, white, blue, and green identification tags	2 each
3	Ground Bayonet	1
4	IC Tip	1
5	Adjustment Tool	1
6	Ground Lead (Black) (Also available in a 2-pack under Model Number N2770A)	1
7	BNC Adapter (not part of kit, order separately) Agilent Part Number 5081-7705	-

