



Technical Data Sheet

Model – 6143 BNC to BNC 10X Attenuation Cable

	Specifications <ul style="list-style-type: none">• Attenuation - 10X• Readout Option Available (RA)• Loading- 10 pF• Input Impedance- 10 M-ohm• Compensation- 8-14 pF• Voltage-600 VOLTS D.C.
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The 6143 is similar to a standard 10X oscilloscope probe except with BNC connections on both ends. This 10X attenuation cable provides a more stable connection when connecting to other equipment. This eliminates the use of a standard passive oscilloscope probe with a BNC adapter on the probe end that could come loose or break off the probe tip. The cable can be compensated to your scope with the trimmer tool included.

****Readout Option (RA)** permanently attached at the factory, is an option that is used with Tektonic scopes. This option eliminates the need to divide by the attenuation ratio or remember which probe is being used. The readout actuator allows you to read your measurements directly from the oscilloscope screen.

Attenuation	Length Ft.	Length Meter	MHz @ 3DB	Rise Time pS	Loading	Compensation Range	P/N	P/N With Readout**
10X	3.5	1	1 GHz	427	10 pF	8-14	6143	6143RA
10X	5	2	500 MHz	711	10 pF	8-14	6143-2	6143-2RA
10X	6.5	3	450 MHz	781	10 pF	8-14	6143-3	6143-3RA
10X	10	4	400 MHz	854	10 pF	8-14	6143-4	6143-4RA

Trimmer tool included to compensate cable to instrument- Connect the BNC with the compensation adjustment to your scope. With the other BNC end connect to the other device. Use included trimmer tool to adjust the cable until a well-formed square wave is seen.

Made in USA- Probe Master

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