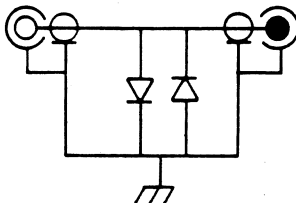
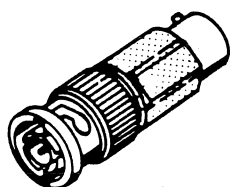


## 1502 STATIC SUPPRESSOR

Part No. 011-0132-00



The 1502 Static Suppressor is an optional accessory to the 1502 TDR Cable Tester. When installed between the cable under test and the CABLE connector of the 1502, it protects the input circuits of the 1502 against external voltage transients. It is capable of suppressing induced charges up to 7.5  $\mu\text{C}$  (500 pF charged to 15 kV, the equivalent of 16 feet of 50 $\Omega$  cable charged to that voltage). It is not effective against sustained overloads, such as exceeding 15 kV for one nanosecond (as might be encountered in switching an external cable to an ungrounded outdoor antenna).

The caution notice on page 2-5 of the 1502 Instruction Manual remains applicable. The Static Suppressor increases reflected risetime from  $\leq 0.07$  foot (2.1 cm) to 0.16 foot (4.9 cm), or from 140 ps to 320 ps. It does not effect the incident risetime.

The Static Suppressor introduces a capacitive aberration (notch) of approximately 300 mV amplitude located about 0.25 foot (7.6 cm) from the leading edge of the pulse, with a displayed width approximately equal to the system risetime. In addition, reflections from an open are clipped by approximately 50 mV.

NO. 062-4563-00  
DATE JULY 1986 (R)

COPYRIGHT © 1979  
TEKTRONIX INC  
ALL RIGHTS RESERVED

Fig. & Index No.	Tektronix Part No.	Serial/Assembly No. Effective Dscont	Qty	12345	Name & Description	Mfr. Code	Mfr. Part No.
1-	011-0132-00		1		STATIC SUPPR:	80009	011-0132-00
					STANDARD ACCESSORIES		
	062-4563-00		1		DATA SHEET:	80009	062-4563-00

## CROSS INDEX - MFR. CODE NUMBER TO MANUFACTURER

Mfr. Code	Manufacturer	Address	City, State, Zip Code
80009	TEKTRONIX INC	4900 S W GRIFFITH DR P O BOX 500	BEAVERTON OR 97077