

## Initial Inspection

Inspect the shipping container for damage. If the shipping container or cushioning material is damaged, it should be kept until the shipping contents have been checked for completeness and the performance test kit has been checked mechanically and electrically. The shipping contents should consist of the items shown in [Table 1-1](#). If the shipment is incomplete, or if there is mechanical damage or other defects, notify your nearest Keysight Technologies office. If the shipping container is damaged, or the cushioning material shows signs of stress, notify the carrier as well as the Keysight Technologies office. Keep the shipping materials for the carrier's inspection.

## Characteristics

This section provides the characteristics of the Keysight 16195B calibration kit.

### Electrical Characteristic

The nominal values of the kit are shown in [Table 1-2](#).

Table 1-2

### Nominal Values

OPEN Conductance	0 S
OPEN Capacitance	82 fF
SHORT Resistance	0 $\Omega$
SHORT Inductance	0 H
50 $\Omega$ Resistance	50 $\Omega$
50 $\Omega$ Inductance	0 H

**NOTE**

The low loss capacitor does not have a defined value.

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General Information  
Characteristics

Operating Conditions

The calibration kit must be operated under the ambient environmental conditions shown in **Table 1-3**.

Table 1-3

**Operating Conditions**

Temperature	23 °C ± 5 °C
Relative Humidity	≤ 70% at 28 °C
Altitude	0 m to 4500 m

Storage Conditions

The calibration kit must be stored under the ambient environmental conditions shown in **Table 1-4**.

Table 1-4

**Storage Conditions**

Temperature	-40 °C to +75 °C
Relative Humidity	≤ 95% at 40 °C
Altitude	0 m to 15000 m

Carrying Case Dimensions

The carrying case dimensions are;  
350 mm (W) × 100 mm (H) × 270 mm (D)