TE Connectivity’s (TE) high-voltage link box HVLB provides a sealed and dry environment for high voltage cable sheath earthing connection. It reduces voltages and circulating currents.

**Product Availability:** AMERICAS, ANZPAC, ASIA, China, EMEA

**Protection Class:** IP 68

**TE offers three types of link boxes with different number of entries to bond the cable sheath to the ground:** HVLB-COAX-SLV, HVLB-COAX-GND and HVLB-COAX-CRO.

Within the HVLB-COAX-SLV link box, the cable sheath is earthed via a sheath voltage limiter (SVL). The HVLB-COAX-GND link box is used to earth the cable sheath direct to the ground without a SVL. Within the HVLB-COAX-CRO link box the cable sheaths are crossbonded.

To get an easy access to the cable sheath for inspections, TE developed a reliable gasket-lid-system, which is tighter against water and dust. The lid system is equipped with a proof device for padlocks to prevent unauthorized access.

A well-arranged configuration ensures a higher reliability. Homogeneous distances between the electrical path, trustworthy electrical connections and a special developed short-circuit-yoke allow a better impulse-voltage and short-circuit withstand. For safety in an unexpected case, our box is tested to absorb the power of an internal arc with 25 kA for 0.1 sec.

**Key Features**

- Cable sheath bonding for concentric cable
- Impulse withstand: 75 kV
- Short circuit current: 63 kA/1 s
- Internal power arc: 25 kA/0.1 s
- Tight against water and dust according to protection class IP68
- Gland sealing with WCSM heat shrinking tube
- Sequential serial number for each link box

**Know More**

**Link Boxes**

**Product Family Group**

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For support call +1 800 522 6752
Other

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<table>
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<td>Impulse Withstand Voltage (kV)</td>
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Related Materials

**Data Sheet**

HIGH VOLTAGE LINKBOX (HVLB-COAX)

**Production Drawing**

1753-lb-coax-cro

1833-lb-coax-gnd6

1838-cu-coax-svl

1839-lb-coax-svl