

Keithley Instruments
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3-Pin Interlock Connector Cable

Description

The Model CA-558 is a 25-pin male D-sub to 3-pin female interlock cable assembly.

Figure 1: Model CA-558



The CA-558 cable connects the safety interlock circuit of a Series 26xxA SourceMeter® Instrument to the safety interlock switch of the Model 8010 High Power Device Test Fixture that contains the device under test. To use the cable, plug one end of the cable into the interlock connector on the test fixture, and connect the other end of the cable into the INTERLOCK connector on the rear panel of the instrument.

You can order the cable in three different lengths (see table below).

Model number	Cable length
CA-558-1	1.0 m (3.28 ft)
CA-558-2	2.0 m (6.56 ft)
CA-558-3	3.0 m (9.84 ft)

This interlock cable can be used with the Models 2601A, 2602A, 2611A, 2612A, 2635A, 2636A, 2651A, and 2657A SourceMeter Instruments.



Electrical characteristics

- Working voltage: 32 V DC

Connector pin identification:

25-pin D-sub connector*	3-pin connector
Pin 22: Red (+5 V) connected to	Pin 1
Pin 24: Green (interlock) connected to	Pin 2
Pin 20: Black (ground) connected to	Pin 3

* Pins 1 through 19, 21, 23, and 25 are not connected.