

Keithley Instruments  
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## Female to Female Cable Information

### Description

#### **WARNING**

*The Model 2290-5 SHV cable can contain hazardous voltages. Be certain that the high voltage is completely discharged before removing or connecting the high-voltage cable. High-voltage cables can store charge if they are disconnected from the supply while high voltage is turned on and can cause personal injury or death if not handled properly. Do not connect the HIGH-VOLTAGE output to exposed circuitry. Any load connected to the HIGH-VOLTAGE output should be enclosed in a metal shield that is connected to safety earth ground using #18AWG or larger wire.*

The high-voltage output cable connects the Model 2290-5 source output to external equipment.

High-voltage cable installation:

1. Turn off power and allow all voltage to discharge.
2. Install the Model 2290-5-SHV cable (see next figure).

**Figure 1: 2290-5-SHV cable**



## Characteristics

<b>Length</b>	3.05 m (10')
<b>Type</b>	RG-8A/U coaxial
<b>Maximum operating voltage (RMS)</b>	5,000 V
<b>Impedance</b>	50 $\Omega$

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