

Keithley Instruments, Inc.

28775 Aurora Road  
 Cleveland, Ohio 44139  
 1-888-KEITHLEY  
<http://www.keithley.com>

## LO Interconnect Module Characteristics

**CONDITIONS**

This document contains specifications and supplemental information for the Model 2657A-LIM-3 LO Interconnect Module. Specifications are the standards against which the Model 2657A-LIM-3 is tested. Upon leaving the factory, the Model 2657A-LIM-3 meets these specifications. Characteristics, supplemental characteristics, and typical values are not warranted, apply at 23 °C ± 5 °C, < 70 percent relative humidity, and are provided solely as useful information.

**CHARACTERISTICS**

<b>DC current carrying capability</b>	1.5 A maximum
<b>Pulsed current carrying capability</b>	10 A maximum at 1% duty cycle
<b>Maximum voltage between LO and chassis ground*</b>	3000 V
<b>Dimensions</b>	2.60 in. x 8.10 in. x 4.30 in. (66 mm high x 206 mm wide x 109 mm deep)
<b>Weight</b>	2.0 lb (0.91 kg)

\* When connecting a lower voltage source-measure unit (SMU) to the Model 2657A-LIM-3 through a Model 2657A-PM-200 protection module, the maximum voltage between LO and chassis ground is limited by the protection module.

**SPECIFICATIONS**

<b>Module connectors</b>	Five 3-lug high-voltage triaxial connectors One 3-pin round interlock connector (4200 INTERLOCK) One 4-pin round interlock connector (INTERLOCK OUT) Six 3-pin axial interlock connectors (26XXA INTERLOCK)
--------------------------	--

**GENERAL**

<b>Warranty</b>	1 year
<b>Safety</b>	Listed to UL61010-1:2004 Conforms to European Union Low Voltage Directive

**ACCESSORIES:**

Model number	Supplied	Optional	Description
SHV-CA-553-1 SHV-CA-553-2 SHV-CA-553-3		x x x	High-voltage triaxial to SHV cable 3.3 ft, 6.6 ft, 9.8 ft (1.0 m, 2.0 m, 3.0 m)
HV-CA-554-.5 HV-CA-554-1 HV-CA-554-2 HV-CA-554-3		x x x x	High-voltage triaxial cable 1.6 ft, 3.3 ft, 6.6 ft, 9.8 ft (0.5 m, 1.0 m, 2.0 m, 3.0 m)
CA-558-1 CA-558-2 CA-558-3	3	x x x	Interlock cable for 26XXA INTERLOCK connectors 3.3 ft, 6.6 ft, 9.9 ft (1.0 m, 2.0 m, 3.0 m)
CA-568-12 CA-568-18 CA-568-120	1	x x x	Protective earth (safety ground) cable 12 in., 18 in., 120 in. (30.48 cm), 45.72 cm, 304.8 cm)
CA-573-1 CA-573-2 CA-573-3 CA-573-4	1	x x x x	Interlock cable (unterminated on one end) for INTERLOCK OUT connector
236-ILC-3		x	Interlock cable for 4200 INTERLOCK connector

**Hardware to mount Model 2657A-LIM-3 and Model 2657A-PM-200 protection modules:**

Model or part number	Supplied	Optional	Description
2657A-LIM-305	1		Mounting plate
2657A-LIM-306	1		Clamp bracket
10-32X3/8PFH	3		Phillips flat head screw 0.375 in (9.5 mm)
10-32X1-1/2PPH	3		Phillips pan head screw 1.5 in (38.1 mm)