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# LINE ISOLATOR MODEL LI-2782BR

## PRODUCT DESCRIPTION AND INSTALLATION DETAILS

### Design 200's ACMA & ERAC Registration Numbers

ACMA Supplier Code N468

ERAC Responsible Supplier Number E1287

### DESCRIPTION

The Line Isolator LI-2782BR is used for isolating equipment connected to leased telephone lines, providing dc isolation and an ac audio path. It can be used on four or two wire circuits effectively providing two wire 600Ω balanced outputs.

The unit provides up to ten four wire 600Ω isolating circuits in a 2 unit high 19" half depth rack. The audio inputs (equipment Tx/Rx) and outputs (line Rx/Tx) are provided on modular RJ45 sockets.

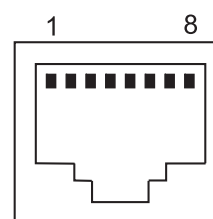
It is also available in a two wire, single line stand-alone version LI-2782B and a four wire, stand-alone version LI-4875.

The LI-2782BR guards against dangerous voltages being passed from Customer Equipment to the telephone network. The LI-2782B also reduces the risk of electric shock to the customer and/or damages to Customer Equipment, should dangerous voltages be accidentally imposed on the telephone line.

The LI-2782BR provides greater than 3500 Volts ac and greater than 5000 Volts dc isolation for more than one minute between the Equipment and Line.

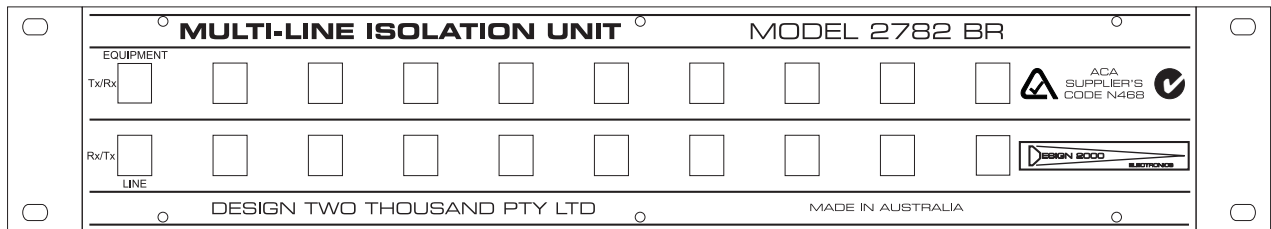
### CONNECTION

|                 |    |        |            |
|-----------------|----|--------|------------|
| Equipment (SK1) | Tx | Pair 1 | Pins 4 & 5 |
|                 | Rx | Pair 2 | Pins 3 & 6 |
| Line (SK2)      | Tx | Pair 1 | Pins 4 & 5 |
|                 | Rx | Pair 2 | Pins 3 & 6 |

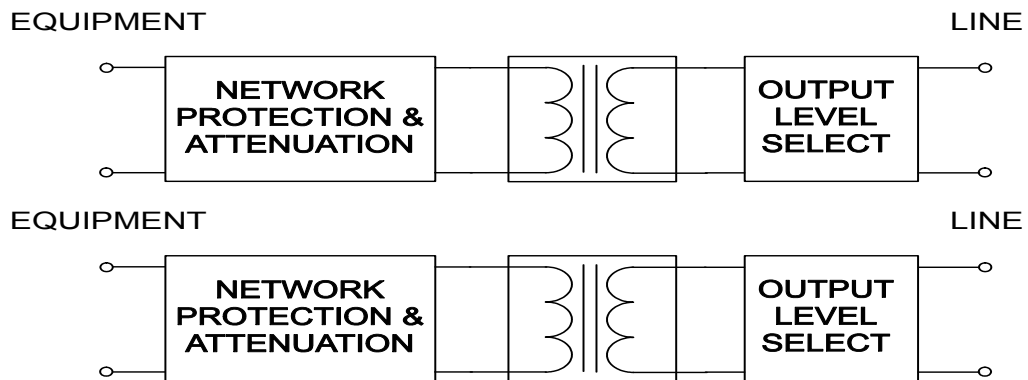


Viewed from  
front of socket

## FRONT PANEL DIAGRAM



## BLOCK DIAGRAM



## PART NUMBERS

RA-4795      LI-2782BR 2RU 19" Sub-rack  
 PC-4796      4W Line Isolation Card

Designed and Manufactured in Australia

**design2000**

Est. 1968

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N468



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