

## Note to Users

# Current Rating for NI SH37F-37M Cables

The National Instruments SH37F-37M cables use 26 AWG wire that has a maximum current rating of 1.2 A per line. Some devices that can be physically connected to this cable have current ratings that exceed this limitation.

The SH37F-37M cables are not intended for use with hazardous voltages (greater than 42.4 V peak or 60 VDC).

## Note to DIO Users

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When using the NI SH37F-37M cable to connect to National Instruments 37-pin digital I/O devices, ensure that the device does not exceed the maximum current rating by evenly distributing the current among the VCC pins on the NI 6516 and NI 6518 devices, or among the GND pins on the NI 6517 and NI 6519 devices.

For more information about wiring, refer to the *Digital I/O Help for 6509/651x/6528 Devices*, available at [ni.com/manuals](http://ni.com/manuals).

## Note to Compact FieldPoint Users

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When using the NI SH37F-37M cable to connect to National Instruments compact FieldPoint devices, ensure that the device does not exceed the maximum current rating of the cabling.

For information about using the SH37F-37M cable with National Instruments compact FieldPoint devices, refer to the *Compact FieldPoint Accessories Operating Instructions*. To view this document, go to [ni.com/info](http://ni.com/info) and type `rdcfao`.

## Note to All Other Users

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When using the NI SH37F-37M cable with other National Instruments devices, refer to the documentation included with the device to ensure that the device does not exceed the maximum current rating.

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