

Optional Equipment

National Instruments offers a variety of products to use with your NI 6703/6704, including cables, connector blocks, and other accessories, as follows:

- Cables and cable assemblies, shielded and ribbon
- Connector blocks, shielded and unshielded screw terminals

For more specific information about these products, refer to the NI catalog at ni.com/catalog.

Custom Cabling

Follow these guidelines if you want to develop your own cable:

- Route the analog lines separately from the digital lines.
- When using a cable shield, use separate shields for the analog and digital halves of the cable. Failure to do so results in noise coupling into the analog signals from transient digital signals.

National Instruments offers cables and accessories for you to prototype your application or to use if you frequently change module interconnections. For more specific information about these products, refer to the NI catalog at ni.com/catalog.

For more information on the connectors used for DAQ devices, refer to the KnowledgeBase document, *Specifications and Manufacturers for Board Mating Connectors* at ni.com.