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Find the *National Instruments 183286A-08* at our website: ***Click HERE***

Motion Control Cables and Adapters

MCA-7724 Motion Axis Router (See Figure 1)

Connector adapter with four VHDCI 68-pin female connectors on one end and one VHDCI 68-pin female connector on the other end. This adapter gives you the ability to break out the axes so you can connect to stepper and servo drives at the same time using one controller. Use with SHC68-C68-S cable when connecting to controller and motor drives. Use with SH68-C68-S cable when connecting to UMI-7764 or UMI-77xx.

MCA-7724 778261-01



Figure 1. Motion Axis Router

SSR 8, 16, 24-Channel Cable Adapter (See Figure 2)

Connects an NI motion controller to an 8, 16, or 24-channel SSR backplane to control relays. Use with SHC68-C68-S cable.

SSR Cable Adapter.....778262-01



Figure 2. SSR 8, 16, 24 Channel Cable Adapter

SHC68-C68-S Cable (See Figure 3)

Connects NI motion controllers to MID-76xx motor drives, SSR cable adapter, MCA-7724, or UMI-7774/2. Features a 68-pin VHDCI offset male connector on both ends.

2 m 186380-02

0.5 m 186380-0R5



Figure 3. SHC68-C68-S Cable

SH68-C68-S Cable with D-Type Connector (See Figure 4)

Connects NI motion controllers to the UMI-7764. Features a 68-pin VHDCI offset male connector on one end and a 68-pin .050 Series D-type female connector on the other end.

2 m 186381-02

0.5 m 186381-0R5

	MID-760x Stepper Power Drives		MID-765x Servo Power Drives		Third-Party Power Drives	Digital I/O	
Controller	MID-7604	MID-7602	MID-7654	MID-7652	UMI-77xx	SCB-68	UMI-7774/2
NI 734x	186380-02		186380-02		186381-02	186381-02	186380-02
NI 733x	186380-02		N/A		186381-02	186381-02	186380-02
NI 735x	186380-02		186380-02		186381-02	186381-02	186380-02



Figure 4. SH68-C68-S Cable with D-Type Connector

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