

# Accessories

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Figure 6. SCXI-1331 Terminal Block



Figure 7. Matrix Expansion Cable



Figure 8. Matrix Expansion Plugs

Modules	Terminal Block	Description	Part Number
SCXI-1127, SCXI-1128	SCXI-1331 (Figure 6) SCXI-1332	Multiplexer Matrix	777687-31 777687-32
	Matrix expansion cables (Figure 7)	Use with the SCXI-1332 to connect the rows and columns of adjacent terminal blocks.	0.40 m 185440-0R4 0.75 m 185440-0R75
SCXI-1129	SCXI-1333 SCXI-1334 SCXI-1335 SCXI-1336 SCXI-1337 SCXI-1339 SCXI-1384K	Quad 4x16 matrix 4x64 matrix 8x32 matrix 16x16 Dual 8x16 matrix Dual 4x32 matrix Backshell connector kit for custom cable	777687-33 777687-34 777687-35 777687-36 777687-37 777687-39 776572-84K
	Matrix expansion cables (Figure 7)	Use with the SCXI-1334 and SCXI-1335 to connect the rows of adjacent terminal blocks.	0.40 m 185440-0R4 0.75 m 185440-0R75
	Matrix expansion plug (Figure 8)	Use with the SCXI-1333, SCXI-1334, SCXI-1335, and SCXI-1336 to connect the columns of adjacent terminal blocks.	778364-01
SCXI-1160	SCXI-1324	48 screw terminal	777687-24
SCXI-1161	TBX-24F	24 screw terminals	777276-01
SCXI-1163R	SCXI-1326 TBX-1326	48 screw terminal 48 screw terminal Din-rail Mountable*	777687-26 777207-26
SCXI-1166	SCXI-1366	Screw terminal for 32 relays Backshell connector kit for custom cable (requires two)	777687-66 778720-01
PXI-2501, PXI-2503	TB-2605 TB-2606 TBX-68S  SH68-68S	Multiplexer Matrix DIN-rail mountable, 68-pin screw terminal block with cold-junction sensor. Use cable to connect TBX-68S to PXI-2501 and PXI-2503	777878-01 777879-01 777716-01 1.00 m 185262-01 2.00 m 185262-02 5.00 m 185262-05
PXI-2566	TB-2666	Screw terminal for 16 relays Backshell connector kit for custom cable	778717-66 778720-01

Table 1. Terminal Block Selection Guide.

Switches



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Cables	Impedance $\Omega$	Length (m)	Part Number
SMB Plug to BNC Plug, RG174	50	1	763405-01
SMB Plug to SMB Plug, RG174	50	0.3	763390-01
SMB Plug to alligator clip, RG174	50	1	763388-01
SMA Plug to SMA Plug, conformable	50	0.15	763443-01
SMA Plug to SMA Plug, conformable	50	0.45	763444-01
MCX Plug to MCX Plug, RG 316	50	0.3	188374-0R3
MCX Plug to MCX Plug, RG 316	50	1	188374-01
MCX Plug to BNC Plug, RG 316	50	0.3	188375-0R3
MCX Plug to BNC Plug, RG 316	50	1	188375-01
MCX Plug to SMB Plug, RG 316	50	0.3	188376-0R3
MCX Plug to SMB Plug, RG 316	50	1	188376-01
MCX Plug to SMA Plug, RG 316	50	0.3	188377-0R3
MCX Plug to SMA Plug, RG 316	50	1	188377-01

Table 2. RF Cable Selection Guide

Terminators and Accessories	Impedance $\Omega$	Part Number
MCX Termination Plug	50	778831-01
SMB Termination Plug	50	778354-01
SMA Termination Plug	50	778353-01
SMA Torque Wrench	N/A	187106-01

Table 3. RF Accessory Delection Guide

Cable	Description	Length (m)	Part Number
HV8 to BAN4 cable (Figure 9)	Use this cable to connect the HVAB to an NI DMM. This cable is included in several kits such as the SCXI-1357 and SCXI-1358.	0.18	185444-0R18
		0.5	185444-0R5
		1	185444-01
		2	185444-02
SH9MD-AUX cable (Figure 10)	Use this cable to send digital control signals from an NI 4021 switch controller or any NI DMM to SCXI switching systems. You can also use this cable to cascade digital control signals between multiple SCXI chassis. This cable is included in the following kits: SCXI-1357, SCXI-1358, SCXI-1359, and SCXI-1362.	1	185258-01
		2	185258-02
HV8 to HV8 Cable (Figure 11)	Use this cable to cascade high-voltage analog buses between two SCXI chassis. This cable is included in the SCXI-1357 and SCXI-1358 multichassis expansion kits.	1	185437-01
BAN4 to LV6 cable	Use this cable to connect the TB-2605 terminal block to a NI multimeter. The 18 cm version is intended for use with the multimeter and switch in adjacent slots.	0.18	185434-0R18
		1	185434-01
		2	185434-02

Table 4. Cable Selection Guide



Figure 9. HV8 to BAN4 Cable



Figure 10. SH9MD-AUX Cable



Figure 11. HV8 to HV8 Cable

