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# Accessories



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

*Table 1. Terminal Block Selection Guide.*





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# Accessories



| Cables | Impedance Ω | 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 Ω | 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<br>0.5<br>1<br>2 | 185444-0R18<br>185444-0R5<br>185444-01<br>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<br>2 | 185258-01<br>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 theTB-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<br>1<br>2 | 185434-0R18<br>185434-01<br>185434-02 |

*Table 4. Cable Selection Guide*



*Figure 9. HV8 to BAN4 Cable*



*Figure 10. SH9MD-AUX Cable*



*Figure 11. HV8 to HV8 Cable*





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