Connectors, Adapters, and Tools

MODEL	NAME	USE WITH:
213-CON	Analog Output Connector	213
237-BAN-3A	Triax to Banana Plug	7072, 7072-HV, 2001, DMMs
237-BNC-TRX	3-Lug Female Triax to Male BNC Connector with guard disconnected	237, 6517A, 7078-TRX cables
237-TRX-BAR	3-Lug Triax Female to Female (Barrel) Adapter	Triax interconnect
237-TRX-NG	Triax Male-Female Adapter with guard disconnected	236, 237, 238, 7072, 7072-HV
237-TRX-T	3-Slot Male to Dual 3-Lug Female Triax Tee Adapter	7072, 7072-HV, 7078-TRX cables
237-TRX-TBC	3-Lug Female Triax Bulkhead Connector	7072, 7072-HV, 7078-TRX cables
2182-325A	Silver Solder for use with 2182-KIT	2182A
2182-KIT	Low-Thermal Connector with Strain Relief (LEMO)	2182A, SC-93
2188	Low-Thermal Calibration Shorting Plug	2182A
2499-DIGIO	Digital I/O Expansion Module	SourceMeter instruments
2500INT-SMA	SMA Connector	2500INT integrating sphere
2500INT-FC/PC	FP/PC Connector	2500INT integrating sphere
2500INT-FC/APC	FP/APC Connector	2500INT integrating sphere
2600-KIT	Screw Terminal Connector with Strain Relief and Cover	2601, 2602 (2 needed)
2600-TRIAX	3-Lug Triax Adapter	2601, 2602 (2 needed)
4851	BNC Shorting Plug	7077
6172	2-Slot Male to 3-Lug Female Triax Adapter	7065, 2500INT
7001-PNL	Metal Plate	7001
7011-KIT-R	Female 96-Pin Connector Kit	7011-C, 7012-C, 7013-C, 7015-C, 7018-C
7011-MTR	Bulkhead Mount 96-Pin Male Connector	7011-KIT-R, 7011-C, 7012-C, 7013-C, 7015-C, 7018-C
7011-ST	Extra Screw Terminal Board	7011-S
7012-ST	Extra Screw Terminal Board	7012-S
7013-ST	Extra Screw Terminal Board	7013-S
7014-ST	Extra Screw Terminal Board	7014
7015-ST	Extra Screw Terminal Board	7015-S
7018-ST	Extra Screw Terminal Board	7018-S
7074-CIT	Contact Extraction Tool	7152-KIT, 7152-MTR
7074-HCT	Hand Crimping Tool	7152-KIT, 7152-MTR
7078-CIT	Contact Insertion/Extraction Tool	7078-KIT, 7078-MTR, 7152-KIT, 7152-MTR, 7169-KIT, 7169-MTR
7078-HCT	Hand Crimping Tool for 7078-KIT, 7169-KIT	7078-KIT, 7169-KIT
7078-KIT	Connector Kit	7071, 7071-4, 7074-D, 7078-MTR
7078-MTR	Mass Terminated Receptacle, Bulkhead Mount	7078-KIT, 7078-MTC
7078-TRX-BNC	3-Slot Male Triax to BNC Adapter	486, 487, 4801, 6514, 6517A, 7072, 7072-HV
7078-TRX-GND	3-Slot Male Triax to BNC Adapter (guard removed)	236, 237, 238, 4801, 6517A, 7051, 7072, 7072-HV
7078-TRX-TBC	3-Lug Female Triax Bulkhead Connector w/Cap	7078-TRX cables
7152-HCT	Hand Crimp Tool for 7152-KIT, 7152-MTR	7152-KIT, 7152-MTR
7152-KIT	6-Position M-Series Plug w/Contacts	7152, 7152-MTR
7152-MTR	6-Position M-Series Receptacle w/Sockets	7152, 7152-KIT, 7152-MTC-2, 7152-MTC-10
7169-KIT	20-Pin Mass Terminated Connector	7169A
7169-MTR	Mass Terminated Bulkhead Mount Receptacle	7169A, 7169-MTC-3
7703-306A	DB50 Male Connector Kit	7701, 7703, 7705, 7709
7709-308A	DB25 Male Connector Kit	7701, 7707, 7709
7712-SMA-N	Female SMA to Male N-Type Adapter	7711, 7712
7755	50Ω Feed-Through Terminator	RG 58 cable, 776
7788	50-Pin D Subconnector Kit	7703, 7705, 77XX, modules with D sub connectors
7789	50-Pin Male and 25-Pin Male D-Shell Connector Kit	7701, 7709
7790	50-Pin Male, 50-Pin Female, and 25-Pin Male IDC D-Shell Connector Kit	7701, 7703, 7705, 7707, 7709
8610	Low Thermal Shorting Plug	2000, 2001, 2002, 2010
8680	RTD Probe Adapter	2001, 2002, 2010
BG-18	Dual Banana to BNC Coaxial Adapter	230, Series 2000, Series 2400, 2700, 2750
CAP-18	Protective Shield/Cap	BNC, 2-lug triax connectors
CAP-31	Protective Shield/Cap	3-lug triax connectors
CS-400	DB25 Male Solder Cup	CA-126-1 cable, 213
CS-458	Interlock Connector Kit	6517-ILC-3
CS-565	BNC Barrel	BNC interconnect
CS-631	3-Lug Male Triax Cable Mount Connector	SC-22 cable
CS-680	3-Lug Female Bulkhead Connector	Fixtures, 6487, 6517A, etc.
CS-846	Screw Terminal Test Lead Connector	230X, 2510, 2510-AT
CS-970	High Voltage Bulkhead Connector	248, 248-SHV cable

Model 213-CON Analog Output Connector: Quick disconnect analog output connector for Model 213 Quad Voltage Source. Screw terminals provided for connection of test leads.

For use with: 213

Item shipped may vary from model pictured here.

Model 237-BAN-3A Triax to Banana Plug: Triax cable center conductor terminated in a safety banana plug (guard and shield open). For connecting DMMs and other banana jack instruments to a matrix or fixture.

For use with: 7072, 7072-HV, DMMs

Model 237-BNC-TRX: Male BNC to 3-lug female triax adapter (guard disconnected). Terminates triax cable in BNC plug. High voltage rating for use with 237 and 7072-HV

For use with: 237, 6517A, 7078-TRX cables

Model 237-TRX-BAR: 3-lug triax barrel for use with triax interconnect.

For use with: Triax interconnect

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Model 237-TRX-NG: 3-slot triax to 3-lug female triax (guard removed) for non-guarded measurements. High voltage rating for use with 237, 7072-HV, etc.

For use with: 236, 237, 238, 7072, 7072-HV

Model 237-TRX-T: 3-slot male to dual 3-lug female triax tee adapter for use with 7078-TRX cables and 7072/7072-HV Semiconductor Matrix Cards. High voltage rating for use with Model 237 SMU.

For use with: 7072, 7072-HV, 7078-TRX cables

Model 237-TRX-TBC: 3-lug female triax bulkhead connector with cap for assembly of custom panels and interface connections. High voltage rating for use with 237, 7072-HV, etc. Uses miniature coax cable, not triax cable, at soldered end. Bulkhead is outer shield.

For use with: 7072, 7072-HV, 7078-TRX cables

Model 2182-325A: Silver solder for making connections in experiments with the Model 2182A. 20 ft roll.

For use with: 2182A

Model 2182-KIT Low-Thermal Connector with Strain Relief: Connector kit for building a custom input cable for the Model 2182A Nanovoltmeter. Includes a low-thermal (LEMO) connector and a strain relief.

For use with: 2182A, SC-93

Model 2188 Low-Thermal Calibration Shorting Plug: A low-resistance, low-thermal shorting plug required to calibrate the Model 2182A Nanovoltmeter. Made of a LEMO connector with its pin connectors shorted together using copper wire and Sn/Ag4 silver solder.

For use with: 2182A
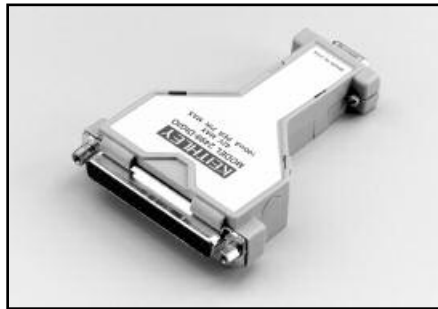
Model 2499-DIGIO: Digital I/O expansion module that plugs onto the DB-9 connector of a SourceMeter® instrument. Expands the three digital I/O lines of the SourceMeter to 16 lines. The SOT, EOT/BUSY, 5V, GND, and Interlock signals are passed through.

For use with: SourceMeter Instruments

Model 2500INT-FC/APC: FC/APC connector for 2500-INT Integrating Sphere.

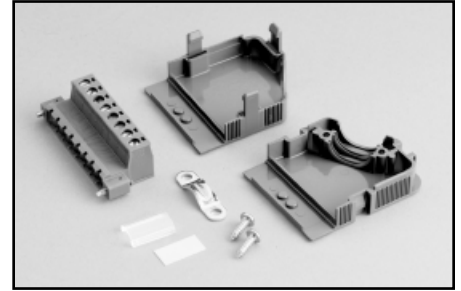**For use with: 2500-INT**

Model 2500INT-FC/PC: FC/PC connector for 2500-INT Integrating Sphere.

For use with: 2500-INT

Model 2500INT-SMA: SMA connector for 2500-INT Integrating Sphere.

For use with: 2500-INT

Model 2600-KIT: Extra screw terminal connector, strain relief, and cover for a single SourceMeter channel (two needed for use with Model 2602).

For use with: 2601, 2602

Model 2600-TRIAX: Triax adapter for a single Series 2600 SourceMeter channel (two needed for use with Model 2602). For use with standard 3-lug triax cables.

For use with: 2601, 2602

Connectors, Adapters, and Tools

**Model 4851:** BNC shorting plug.
For use with: 230-1, 7077

Model 6172: 2-slot male to 3-lug female triax adapter. For use in adapting Models 7065 and 2500INT inputs to 3-slot triax plugs.
**For use with: 7065, 2500INT**

Model 7001-PNL: Metal plate used to cover an empty card slot on the rear panel of a Model 7001.
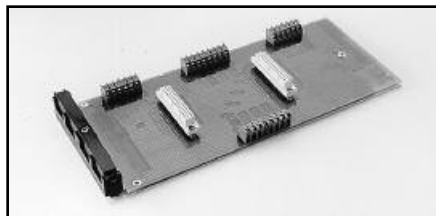**For use with: 7001**

Model 7011-KIT-R: 96-pin female DIN connector with solder eyelets and strain relief. This kit can be used for assembly of custom cables to connect with the connectors on the 7011-C, 7012-C, 7013-C, 7015-C, and 7018-C switch cards. Also connects with the 7011-MTR bulkhead mount male connector.
**For use with: 7011-C, 7012-C, 7013-C, 7015-C, 7018-C**
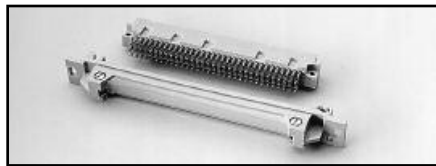
Model 7011-MTR: 96-pin male DIN connector with solder eyelets for bulkhead mount. Connects with the 7011-KIT-R and the 7011-MTC-2.
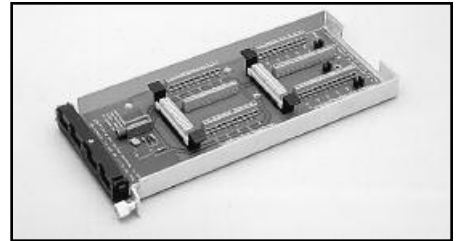**For use with: 7011-KIT-R, 7011-C, 7012-C, 7013-C, 7015-C, 7018-C**
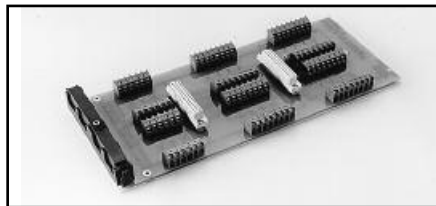
Model 7011-ST: Extra quick disconnect screw terminal board. One 7011-ST is included with each 7011-S.
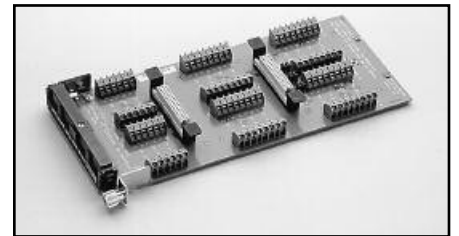**For use with: 7011-S**

Model 7012-ST: Extra quick disconnect screw terminal board. One 7012-ST is included with each 7012-S.
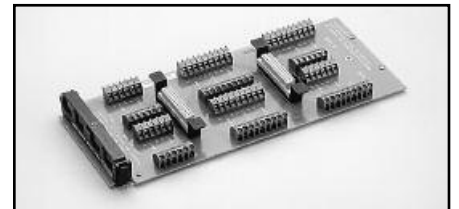**For use with: 7012-S**
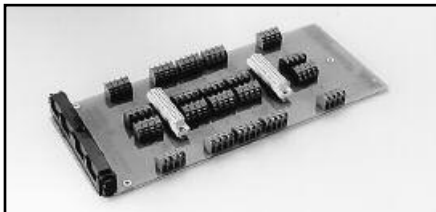
Model 7013-ST: Extra quick disconnect screw terminal board. One 7013-ST is included with each 7013-S.
For use with: 7013-S

Model 7014-ST: Extra quick disconnect isothermal screw terminal board with cold junction sensor. One 7014-ST is included with each 7014.
For use with: 7014

Model 7015-ST: Extra quick disconnect screw terminal board. One 7015-ST is included with each 7015-S.
For use with: 7015-S

Model 7018-ST: Extra quick disconnect screw terminal board. One 7018-ST is included with each 7018-S.
For use with: 7018-S

Model 7074-CIT: Contact extraction tool for removal of contacts from cables and connectors.
For use with: 7152-KIT, 7152-MTR

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Model 7074-HCT: Contact crimping pliers for assembly of cables and connectors.
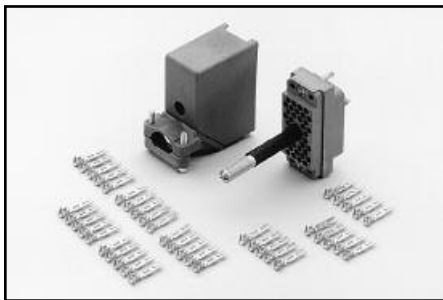
For use with: 7152-KIT, 7152-MTR

Model 7078-CIT: Contact insertion and extraction tool for assembly and maintenance of 7078-MTC cables and connectors.

For use with: 7078-KIT, 7078-MTR, 7152-KIT, 7152-MTR, 7169-KIT, 7169-MTR

Model 7078-HCT: Contact crimping pliers for assembly of cables and connectors using 7078-MTR or 7078-KIT.
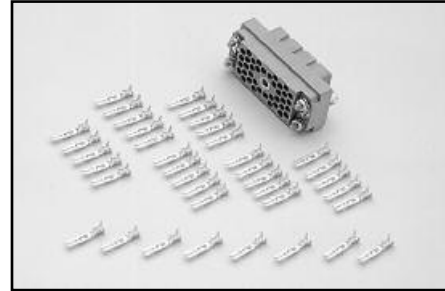
For use with: 7078-KIT, 7169-KIT

Model 7078-KIT: 38-pin plug assembly with strain relief and 40 contacts for assembly of custom cable and harnesses compatible with Model

7071 8×12 Matrix Card, Model 7071-4 Dual 4×12 Matrix Card, Model 7074-D Eight 1×12 Multiplexer Card, and 7078-MTR Mass Terminated Receptacle. Requires 7078-HCT; recommend 7078-CIT.

For use with: 7071, 7071-4, 7074-D, 7078-MTR

Model 7078-MTR: 38-pin bulkhead mount receptacle with 40 contacts for custom interface and patch panels compatible with 7078-MTC and 7078-KIT. Requires 7078-HCT; recommend 7078-CIT.

For use with: 7078-KIT, 7078-MTC

Model 7078-TRX-BNC: 3-slot male triax to BNC adapter for use with 7072 Semiconductor Matrix Card and 4801 cables.

For use with: 486, 487, 4801, 6514, 6517A, 7072, 7072-HV

Model 7078-TRX-GND: 3-slot male triax to BNC adapter (guard removed) for adapting non-guarded measurements to 236, 237, or 238 SMUs, 7072 or 7072-HV Semiconductor Matrix Cards, or 8006 or 8008 Test Fixtures.

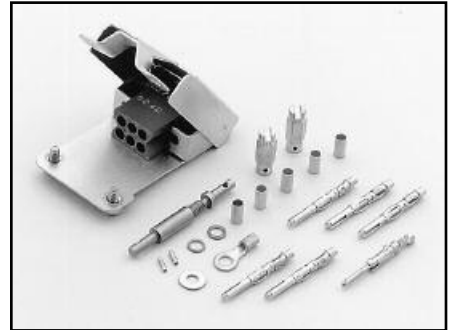**For use with: 236, 237, 238, 4801, 6517A, 7051, 7072, 7072-HV**

Model 7078-TRX-TBC: 3-lug female triax bulkhead connector with cap for assembly of custom panels and interface connections.

For use with: 7078-TRX Cables

Model 7152-HCT: Contact crimping pliers for assembly of cables and connectors using 7152-MTR or 7152-KIT.

For use with: 7152-KIT, 7152-MTR

Model 7152-KIT: 6-pin plug assembly with strain relief and contacts for assembly of custom cable and harnesses compatible with Model 7152 4×5 Low Current Matrix Card and 7152-MTR Mass Terminated Receptacle. Requires 7152-HCT; recommend 7074-CIT and 7074-HCT.

For use with: 7152, 7152-MTR
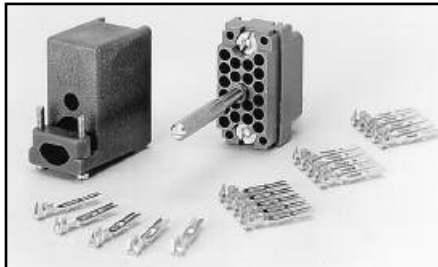
Connectors, Adapters, and Tools

Model 7152-MTR: 6-pin bulkhead mount receptacle with contacts for custom interface and patch panels compatible with 7152-MTC and 7152-KIT. Requires 7152 HCT; recommend 7074-CIT and 7074-HCT.

For use with: 7152, 7152-KIT, 7152-MTC-2, 7152-MTC-10

Model 7169-KIT: 20-pin connector body and contacts for assembly of custom cables and harnesses compatible with Model 7169A 20-Channel Form C Switch Card. Requires 7078-HCT; recommend 7078-CIT. Note: Three 7169-KITs are required for complete connection to the 7169A card.

For use with: 7169A
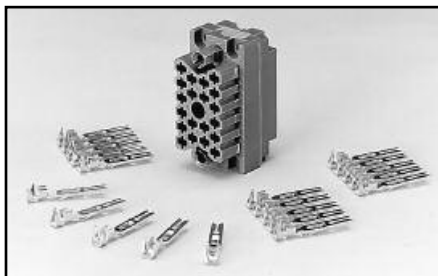
Model 7169-MTR: 20-pin bulkhead connector body and contacts for custom interface and patch panels compatible with Model 7169 20-Channel Form C Switch Card. Requires 7078-HCT; recommend 7078-CIT.

For use with: 7169A, 7169-MTC-3

Model 7703-306A: DB50 male connector kit (solder cup) with shell.

For use with: 7701, 7703, 7705, 7709

Model 7709-308A: DB25 male connector kit (solder cup) with shell.

For use with: 7701, 7707, 7709

Model 7712-SMA-N: Female SMA to Male N-Type Adapter.

For use with: 7711, 7712

Model 7755 50Ω Feed-Through Terminator: BNC-to-BNC adapter for terminating RG58 cable in its characteristic impedance. VSWR <1.1, DC–250MHz.

For use with: RG58 Cable, 776

Model 7788: 50-pin D subminiature connector kit. To mate with 50-pin connector on Model 7703 and 7705.

For use with: 7703, 7705, 77XX modules with D sub connectors

Model 7789: 50 pin/25 pin (both male) D-Shell Kit (one of each) for 7701 or 7709 Integra modules (mating connectors are supplied with these modules when purchased).

For use with: 7701, 7709

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Model 7790: 50 pin male, 50 pin female, 25 pin male IDC D-Shell Connector Kit (one each).

For use with: 7701, 7703, 7705, 7707, or 7709 Integra modules

Model 8610 Low Thermal Shorting Plug: For calibration lab use, this plug provides a very low thermal offset short at front or rear inputs.

For use with: 2000, 2001, 2002, 2010

Model 8680 RTD Probe Adapter: Provides a means of connecting RTD probes terminated in either a 4-wire instrumentation connector or bare wires to safety input jacks on a 0.5 inch spacing. Use with Models 8681, 8693, 8695, or 8696.

For use with: 2001, 2002, 2010

BG-18: Dual banana to BNC coaxial adapter for adapting connection on instrument with dual banana jack.

For use with: 230, Series 2000, Series 2400, 2700, 2750

CAP-18: Protective shield/cap for BNC connectors.

For use with: BNC connectors

CAP-31: Protective shield/cap for 3-lug triax connectors.

For use with: 3-lug triax connectors

CS-400: DB25 male, solder cup.

For use with: C126-1 cable, 213

CS-458: Interlock connector kit to mate with 6517-ILC-3.

For use with: 6517-ILC-3

CS-565: BNC barrel.

For use with: BNC interconnect

CS-630: 3-lug female triax bulkhead connector for soldered connections. Mates with CS-631.

For use with: Fixtures, 6487, 6517A, etc.

CS-631: 3-slot male triax cable mount connector for use with SC-22 cable. Mates to Models 236, 237, 238, 486, 487, 7072, and 8006.

For use with: SC-22 cable

CS-846: Eight position connector with screw terminals for connection to test leads.

For use with: 230X, 2510, 2510-AT

CS-970: High voltage bulkhead connector.

For use with: 248, 248-SHV cable