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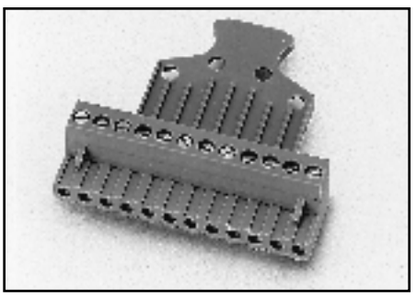
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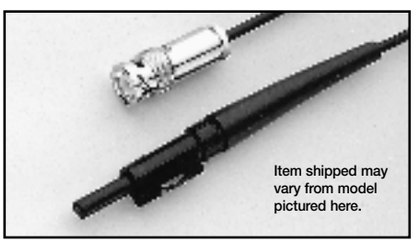
Connectors, Adapters, and Tools

MODEL	NAME	USE WITH:
213-CON	Analog Output Connector	213
237-BAN-3	Triax to Banana Plug	7072, 7072-HV, 7172, 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, 7172
237-TRX-T	3-Slot Male to Dual 3-Lug Female Triax Tee Adapter	7072, 7072-HV, 7172, 7078-TRX cables
237-TRX-TBC	3-Lug Female Triax Bulkhead Connector	7072, 7072-HV, 7172, 7078-TRX cables
2182-325A	Silver Solder for use with 2182-KIT	2182
2182-KIT	Low-Thermal Connector with Strain Relief (LEMO)	2182, SC-93
2188	Low-Thermal Calibration Shorting Plug	2182
2286	Safety Output Assembly	228A
2499-DIGIO	Digital I/O Expansion Module	SourceMeter Instruments
2500INT-SMA	SMA Connector	2500INT Integrating Sphere
2500INT-SMA-FC/PC	FP/PC Connector Connector	2500INT Integrating Sphere
2500INT-SMA-FC/APC	FP/APC Connector	2500INT Integrating Sphere
4804	Male BNC to 2-Lug Female Triax Adapter	485
4851	BNC Shorting Plug	230-1, 7077
5904	20nF/20mS Adapter (not calibrated to mainframe)	590
5951	Remote Input Coupler	Model 82-WIN
6012	Triax to UHF Adapter	220, 224, 617
6146	2-Lug Triax Tee Adapter	617
6147	2-Slot Male Triax to Female BNC Adapter	220, 224, 617
6167	Guarded Input Adapter	220, 224
6171	3-Slot Male to 2-Lug Female Triax Adapter	6011, 7024
6172	2-Slot Male to 3-Lug Female Triax Adapter	220, 224, 617
6176	Adapter Kit: Includes Models 6146, 6147, 6171, 6172, 7078-TRX-BNC, 4804	220, 224, 617
6424	BNC Input Adapter	642
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
7023	2-Lug Female Triax Bulkhead Connector	6011, 7024
7074-CIT	Contact Extraction Tool	7074-KIT, 7074-MTR, 7152-KIT, 7152-MTR
7074-HCT	Hand Crimping Tool	7074-KIT, 7074-MTR, 7152-KIT, 7152-MTR
7074-KIT	75-Pin Mass Terminated Plug w/Contacts	7074-D, 7074-MTR
7074-MTR	75-Pin Mass Terminated Receptacle w/Contacts	7074-D, 7074-KIT, 7074-MTC
7074-RTC	Relay Test Shorting Connector	7074-D
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
7164-KIT	50-Pin Mass Terminated Connector	7164-D, 7164-M, 7164-MTR
7164-MTR	50-Pin Mass Terminated Bulkhead Mount Receptacle	7164-D, 7164-M, 7164-MTC-10
7169-KIT	20-Pin Mass Terminated Connector	7169A
7169-MTR	Mass Terminated Bulkhead Mount Receptacle	7169A, 7169-MTC-3



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



Model 237-BAN-3 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, 7172, 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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Connectors, Adapters, and Tools

MODEL	NAME	USE WITH:
7755	50Ω Feed-Through Terminator	RG 58 Cable, 776
7788	50-Pin D Subconnector Kit	7703, 7705, 77XX, modules with D sub connectors
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, 20XX Series, 24XX Series, 2700, 2750
CAP-18	Protective Shield/Cap	BNC, 2-lug triax connectors
CAP-31	Protective Shield/Cap	3-lug triax connectors
CS-141	2-Lug Male Triax Cable Mount Connector	SC-22 Cable
CS-400	DB25 Male Solder Cup	CA-126-1 cable, 213
CS-440	Bulkhead Connector	220, 263, fixtures
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-846	Screw Terminal Test Lead Connector	230X, 2510, 2510-AT
CS-970	High Voltage Bulkhead Connector	248, 248-SHV Cable



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, 7172



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, 7172, 7078-TRX cables

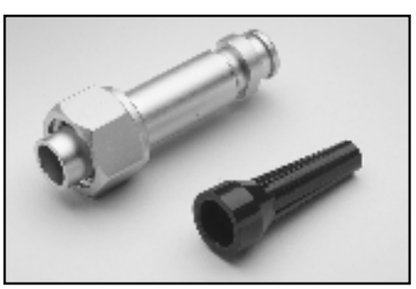


Model 237-TRX-TBC: 3-lug female triax bulkhead connector with cap for assembly of custom panels and interface connections. High voltage rating for use with 237, 7072-HV, etc. Uses miniature coax cable, not triax cable, at soldered end. Bulkhead is outer shield.

For use with: 7072, 7072-HV, 7172, 7078-TRX cables

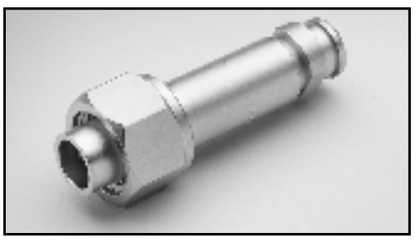
Model 2182-325A: Silver solder for making connections in experiments with the Model 2182. 20 ft roll.

For use with: 2182



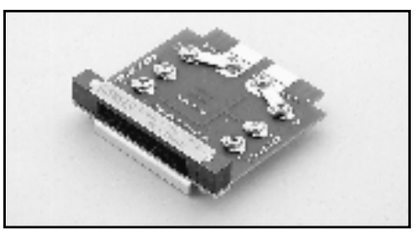
Model 2182-KIT Low-Thermal Connector with Strain Relief: Connector kit for building a custom input cable for the Model 2182 Nanovoltmeter. Includes a low-thermal (LEMO) connector and a strain relief.

For use with: 2182, SC-93



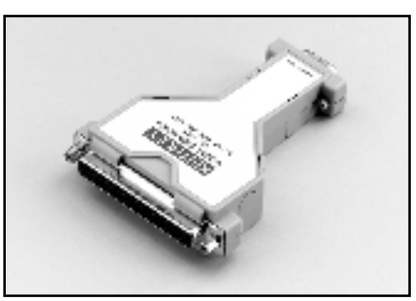
Model 2188 Low-Thermal Calibration Shorting Plug: A low-resistance, low-thermal shorting plug required to calibrate the Model 2182 Nanovoltmeter. Made of a LEMO connector with its pin connectors shorted together using copper wire and Sn/Ag4 silver solder.

For use with: 2182



Model 2286 Safety Output Connector: Slides into Model 228 or 228A Current/ Voltage Source to assure that the active outputs are not accessible. Outputs are disconnected when the safety card is removed from the instrument. The connector provides screw terminals for Force and Sense on both High and Low outputs as well as separate Current Monitor and Modulation Input connections.

For use with: 228A



Model 2499-DIGIO: Digital I/O expansion module that plugs onto the DB-9 connector of a SourceMeter. 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

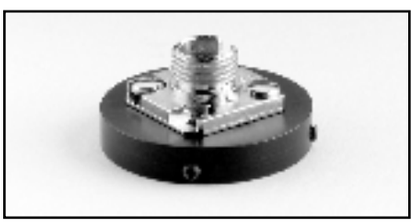
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Connectors, Adapters, and Tools



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

For use with: 2500-INT



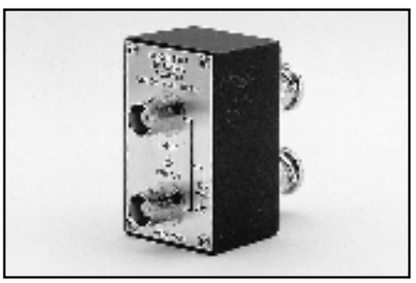
Model 4804: 2-slot male BNC to 2-lug female triax adapter. Used to adapt triax cables to 2-lug BNC input connectors.

For use with: 485



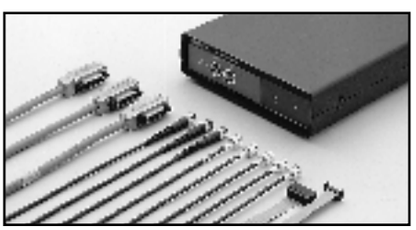
Model 4851: BNC shorting plug.

For use with: 230-1, 7077



Model 5904: 20nF/20mS adapter. Extends range of Model 590/100k.

For use with: 590



Model 5951 Remote Input Coupler: Includes the remote input coupler, five 1.2m low noise BNC cables (Model 4801), two 1m IEEE-488 cables (Model 7007-1), one 2m shielded IEEE-488 cable (Model 7007-2), and three 0.6m RG-58C BNC-to-BNC cables (Model 7051-2).

For use with: Model 82-WIN



Model 6012 2-Slot Triax to UHF Adapter: Permits using Models 220, 224 and 617 with all Keithley electrometer accessories having UHF type connectors.

For use with: 220, 224, 617



Model 6146 2-Slot Triax Tee Adapter: To connect multiple inputs to Model 617; allows easy connection of external feedback elements.

For use with: 617



Model 6147 2-Slot Triax to BNC Adapter: Permits using Models 220, 224, and 617 with accessories having BNC connectors.

For use with: 220, 224, 617



Model 6167 Guarded Input Adapter: Reduces effective cable capacity by driving the inner shield of the triax cable at Guard potential. For use with Models 220 and 224. 2-slot triax female to 2-slot triax male.

For use with: 220, 224



Model 6171: 3-slot male to 2-lug female triax adapter. Adapts 7024 and 6011 cables to 3-lug triax input connectors.

For use with: 6011, 7024

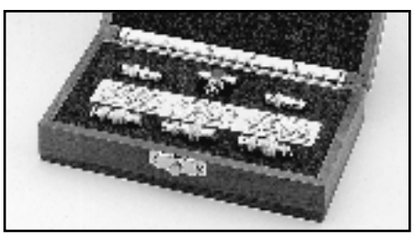
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Connectors, Adapters, and Tools



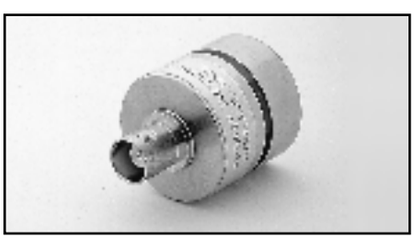
Model 6172: 2-slot male to 3-lug female triax adapter. For use in adapting Models 220, 224, and 617 inputs to 3-slot triax plugs.

For use with: 220, 224, 617



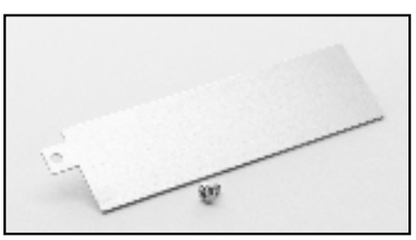
Model 6176 Adapter Kit: Consists of 6146, 6147, 6171, 6172, 7078-TRX-BNC, and 4804 in a compartmentalized box. Use when interfacing BNC, 2-lug triax, and/or 3-lug triax instrumentation.

For use with: 220, 224, 617



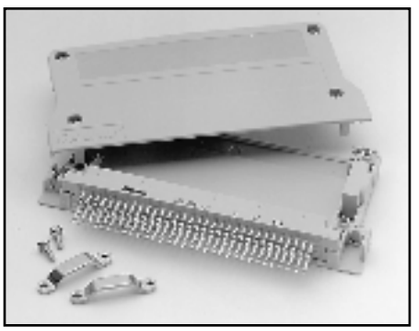
Model 6424: BNC adapter for use with Model 642. lt is the most convenient connection method, limited by currents generated in the flexible cabling.

For use with: 642



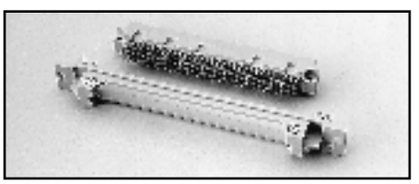
Model 7001-PNL: Metal plate used to cover an empty card slot on the rear panel of a Model 7001.

For use with: 7001



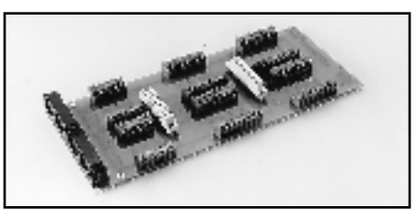
Model 7011-KIT-R: 96-pin female DIN connector with solder eyelets and strain relief. This kit can be used for assembly of custom cables to connect with the connectors on the 7011-C, 7012-C, 7013-C, 7015-C, and 7018-C switch cards. Also connects with the 7011-MTR bulkhead mount male connector.

For use with: 7011-C, 7012-C, 7013-C, 7015-C, 7018-C



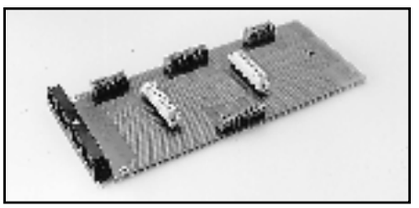
Model 7011-MTR: 96-pin male DIN connector with solder eyelets for bulkhead mount. Connects with the 7011-KIT-R and the 7011-MTC-2.

For use with: 7011-KIT-R, 7011-C, 7012-C, 7013-C, 7015-C, 7018-C



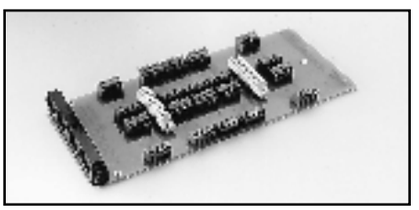
Model 7011-ST: Extra quick disconnect screw terminal board. One 7011-ST is included with each 7011-S.

For use with: 7011-S



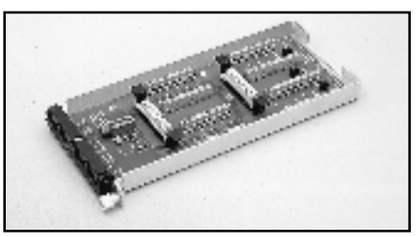
Model 7012-ST: Extra quick disconnect screw terminal board. One 7012-ST is included with each 7012-S.

For use with: 7012-S



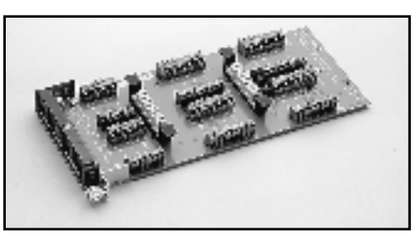
Model 7013-ST: Extra quick disconnect screw terminal board. One 7013-ST is included with each 7013-S.

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

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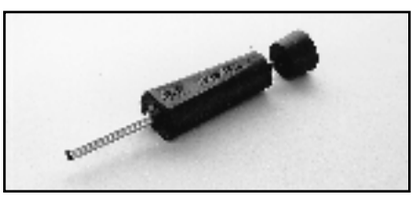
Model 7018-ST: Extra quick disconnect screw terminal board. One 7018-ST is included with each 7018-S.

For use with: 7018-S



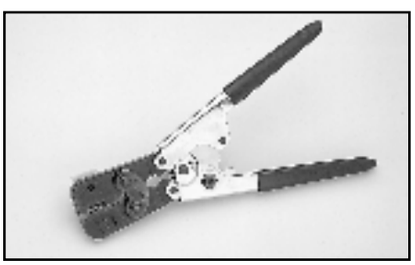
Model 7023 2-Lug Triax Bulkhead Mount Connector: Chassis mount connector mates with Keithley accessory cables 6011 and 7024 series.

For use with: 6011, 7024



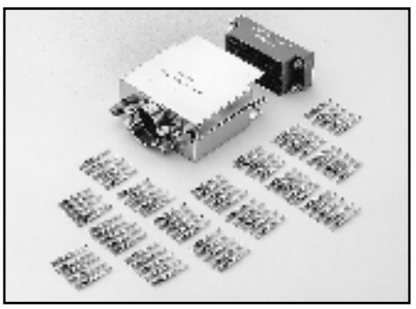
Model 7074-CIT: Contact extraction tool for removal of contacts from 7074-MTC cables and connectors.

For use with: 7074-KIT, 7074-MTR, 7152-KIT, 7152-MTR



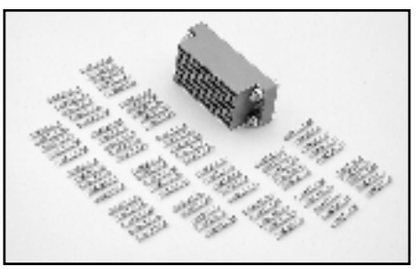
Model 7074-HCT: Contact crimping pliers for assembly of cables and connectors using 7074-MTR or 7074-KIT.

For use with: 7074-KIT, 7074-MTR, 7152-KIT, 7152-MTR



Model 7074-KIT: 75-pin plug assembly with strain relief and 80 contacts for assembly of custom cable and harnesses compatible with 7074-D multiplexer card and 7074-MTR mass terminated receptacle.

For use with: 7074-D, 7074-MTR



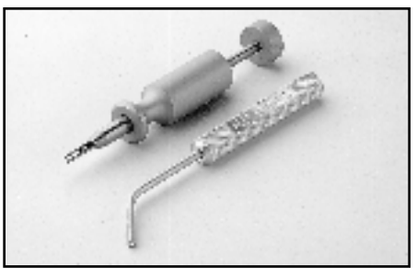
Model 7074-MTR: 75-pin bulkhead mount receptacle with 80 contacts for custom interface and patch panels compatible with 7074-MTC and 7074-KIT.

For use with: 7074-D, 7074-KIT, 7074-MTC



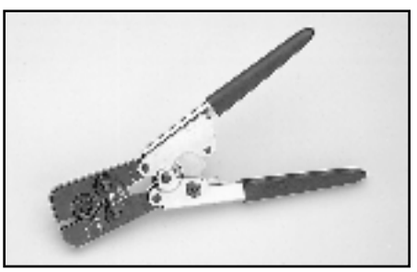
Model 7074-RTC: Relay test connector. The 7074-RTC adapts column inputs with jumper interconnects necessary when running relay test software supplied with the 707A mainframe.

For use with: 7074-D



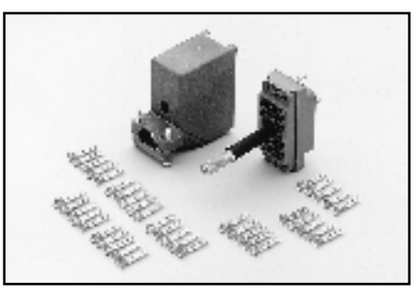
Model 7078-CIT: Contact insertion and extraction tool for assembly and maintenance of 7078-MTC cables and connectors.

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

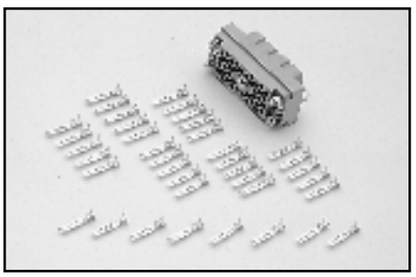


Model 7078-KIT: 38-pin plug assembly with strain relief and 40 contacts for assembly of custom cable and harnesses compatible with Model 7071 8×12 Matrix Card, Model 7071-4 Dual 4×12 Matrix Card, Model 7074-D Eight 1×12 Multiplexer Card, and 7078-MTR Mass Terminated Receptacle. Requires 7078-HCT, recommend 7078-CIT.

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

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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



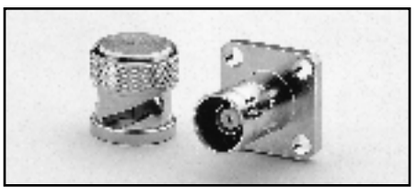
Model 7078-TRX-BNC: 3-slot male triax to BNC adapter for use with 7072 Semiconductor Matrix Card and 4801 cables.

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



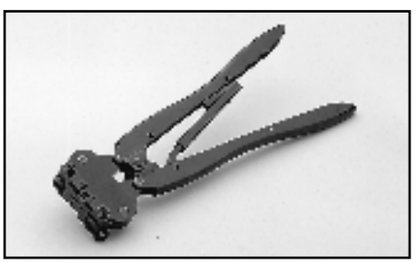
Model 7078-TRX-GND: 3-slot male triax to BNC adapter (guard removed) for adapting non-guarded measurements to 236, 237, or 238 SMUs, 7072 or 7072-HV Semiconductor Matrix Cards, or 8006 or 8008 Test Fixtures.

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



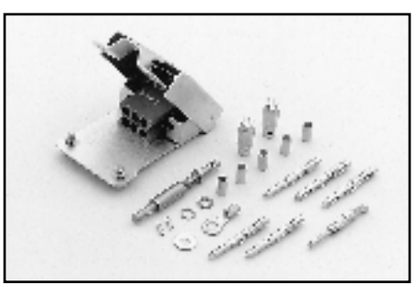
Model 7078-TRX-TBC: 3-lug female triax bulkhead connector with cap for assembly of custom panels and interface connections.

For use with: 7078-TRX Cables



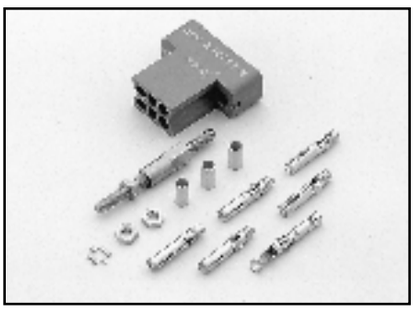
Model 7152-HCT: Contact crimping pliers for assembly of cables and connectors using 7152-MTR or 7152-KIT.

For use with: 7152-KIT, 7152-MTR



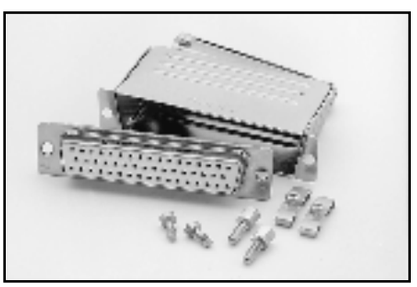
Model 7152-KIT: 6-pin plug assembly with strain relief and contacts for assembly of custom cable and harnesses compatible with Model 7152 4×5 Low Current Matrix Card and 7152-MTR Mass Terminated Receptacle. Requires 7152-HCT; recommend 7074-CIT and 7074-HCT.

For use with: 7152, 7152-MTR



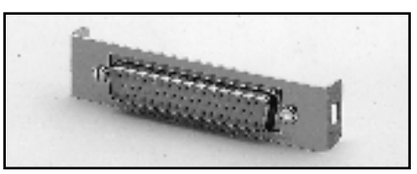
Model 7152-MTR: 6-pin bulkhead mount receptacle with contacts for custom interface and patch panels compatible with 7152-MTC and 7152-KIT. Requires 7152 HCT; recommend 7074-CIT and 7074-HCT.

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



Model 7164-KIT: 50-pin D-Sub connector for assembly of custom cables and harnesses compatible with Models 7164-D and 7164-M 20-Channel Scanner Cards.

For use with: 7164-D, 7164-M, 7164-MTR

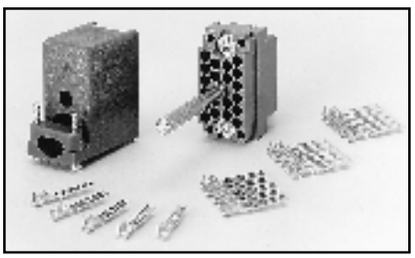


Model 7164-MTR: 50-pin mass terminated receptacle for custom interface and patch panels compatible with 7164-MTC.

For use with: 7164-D, 7164-M, 7164-MTC-10

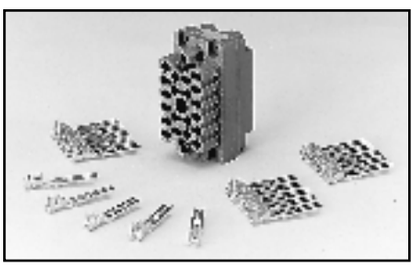
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Model 7169-KIT: 20-pin connector body and contacts for assembly of custom cables and harnesses compatible with Model 7169A 20-Channel Form C Switch Card. Requires 7078-HCT; recommend 7078-CIT. Note: Three 7169-KITs are required for complete connection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



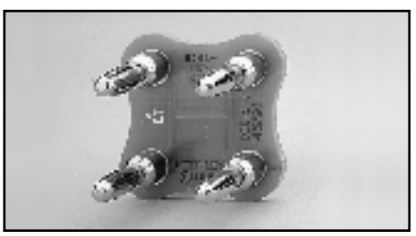
Model 7755 50Ω Feed-Through Terminator: BNC-to-BNC adapter for terminating RG58 cable in its characteristic impedance. VSWR <1.1, DC–250MHz.

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 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 Model 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, 20XX Series, 24XX Series, 2700, 2750



CAP-18: Protective shield/cap for BNC and 2-lug triax connectors.

For use with: BNC, 2-Lug Triax Connectors



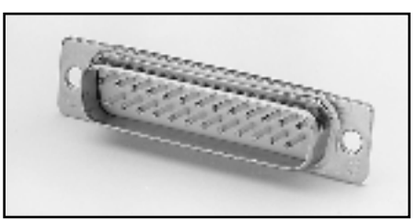
CAP-31: Protective shield/cap for 3-lug triax connectors.

For use with: 3-Lug Triax Connectors



CS-141: 2-slot male triax cable mount connector for use with SC-22 cable. Mates to Models 220, 224, 263, 602, and 617.

For use with: SC-22 Cable



CS-400: DB25 male, solder cup.

For use with: C126-1 Cable, 213

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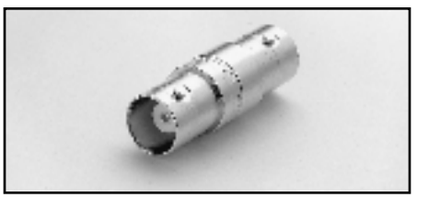
CS-440: 2-lug female triax bulkhead connector for soldered connections.

For use with: 220, 263, fixtures



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

For use with: 6517-ILC-3



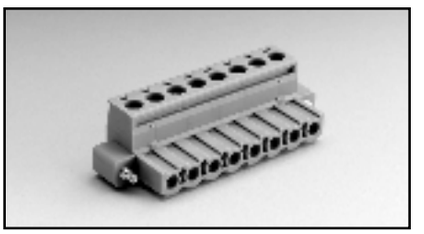
CS-565: BNC barrel.

For use with: BNC interconnect



CS-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

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