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# Cables

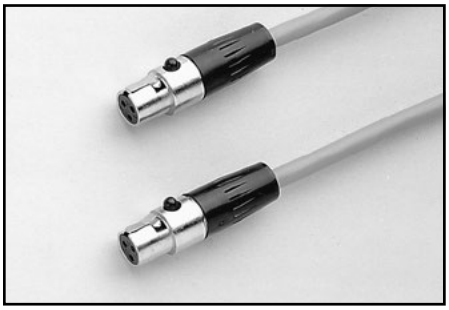
| Model | Description | Type | TERMINATIONS From | To | LENGTH m | ft | USE WITH: |
|---|---|---|---|---|---|---|---|
| **236-ILC-3** | Safety Interlock | Shielded twisted pair | 3-pin round | 3-pin round | 3 | 10 | 4200-SCS, 8007, 8008 |
| **237-ALG-2** | Low Noise Input | Triax | 3-slot male triax | Alligator clips (3) | 2 | 6.6 | Series 2200, Series 2600B, 4200-PA, 6220, 6221, 6482, 6487, 6514, 6517A, 6517B |
| **237-ALG-15** | Low Noise Input | Triax | 3-slot male triax | Alligator clips (3) | 15 | 50 | Series 2200, Series 2600B, 4200-PA, 6220, 6221, 6482, 6487, 6514, 6517A, 6517B |
| **248-MHV** | High Voltage | Coax | SHV female | MHV male | 3 | 10 | 248 |
| **248-SHV** | High Voltage | Coax | SHV female | SHV female | 3 | 10 | 248, CS-970 |
| **2000-MTC-2** | Cable Assembly | Shielded twisted pair | DB44 female | Unterminated | 2 | 6.6 | 2000-20 |
| **2000-MTCD-2** | Cable Assembly | Shielded multiple conductors | DB44 female | DB50 male | 2 | 6.6 | 2000-SCAN-20 |
| **2600-ALG-2** | Low Noise Input | Triax | 3-slot male triax | Alligator clips (3) | 2 | 6.6 | 2635B, 2636B, 4200-PA |
| **2651A-KIT-1** | Cable Assembly | Coax | 2-pin plug | 2-pin plug | 1 | 3.3 | 2651A, 8011 |
| **2651A-KIT-2** | Cable Assembly | Coax | 2-pin plug | 2-pin plug | 2 | 6.6 | 2651A, 8011 |
| **2651A-KIT-3** | Cable Assembly | Coax | 2-pin plug | 2-pin plug | 3 | 10 | 2651A, 8011 |
| **2107-4** | Input Cable | Shielded twisted pair | LEMO | Copper spade lugs (4) | 1.2 | 4 | 2182A |
| **2107-30** | Input Cable | Shielded twisted pair | LEMO | Copper spade lugs (4) | 9.1 | 30 | 2182A, Series 2200 |
| **2107-50** | Input Cable | Shielded twisted pair | LEMO | Copper spade lugs (4) | 15 | 50 | 2182A, Series 2200 |
| **3720-MTC-1.5** | Mass Terminated Assembly | Twisted pair | D-sub female | 78-pin D-sub male | 1.5 | 5 | 3720, 3723, 3724 |
| **3720-MTC-3** | Mass Terminated Assembly | Twisted pair | D-sub female | 78-pin D-sub male | 3 | 10 | 3720, 3723, 3724 |
| **3721-MTC-1.5** | Mass Terminated Assembly | Twisted pair | D-sub female | 50-pin D-sub male | 1.5 | 5 | 3721, 3730, 3731, 3740, 3750 |
| **3721-MTC-3** | Mass Terminated Assembly | Twisted pair | D-sub female | 50-pin D-sub male | 3 | 10 | 3721, 3730, 3731, 3740, 3750 |
| **3722-MTC-1.5** | Mass Terminated Assembly | Twisted pair | D-sub male | 104-pin D-sub female | 1.5 | 5 | 3722 |
| **3722-MTC-1.5/MM** | Mass Terminated Assembly | Twisted pair | D-sub male | 104-pin D-sub male | 1.5 | 5 | 3722 |
| **3722-MTC-3** | Mass Terminated Assembly | Twisted pair | D-sub male | 104-pin D-sub female | 3 | 10 | 3722 |
| **3722-MTC-3/MM** | Mass Terminated Assembly | Twisted pair | D-sub male | 104-pin D-sub male | 3 | 10 | 3722 |
| **3732-MTC-1.5** | Mass Terminated Assembly | Twisted pair | D-sub female | 78-pin D-sub male | 1.5 | 5 | 3732 |
| **3732-MTC-3** | Mass Terminated Assembly | Twisted pair | D-sub female | 78-pin D-sub male | 3 | 10 | 3732 |
| **4200-MTRX-1** | Ultra Low Noise | SMU triax | Miniature male | 3-slot male | 1 | 3.2 | 4200-SCS |
| **4200-MTRX-2** | Ultra Low Noise | SMU triax | Miniature male | 3-slot male | 2 | 6.5 | 4200-SCS |
| **4200-MTRX-3** | Ultra Low Noise | SMU triax | Miniature male | 3-slot male | 3 | 9.8 | 4200-SCS |
| **4200-PRB-C** | Cable Assembly | Y adapter cable | Female SMA | 2 female SSMC | | | 4200-PIV, 4210-CVU |
| **4200-RPC-0.3** | Cable Assembly | Remote PreAmp | DB15 | DB15 | 0.3 | 1 | 4200-PA |
| **4200-RPC-2** | Cable Assembly | Remote PreAmp | DB15 | DB15 | 2 | 6.5 | 4200-PA |
| **4200-RPC-3** | Cable Assembly | Remote PreAmp | DB15 | DB15 | 3 | 9.8 | 4200-PA |
| **4200-RPC-6** | Cable Assembly | Remote PreAmp | DB15 | DB15 | 6 | 19.6 | 4200-PA |
| **4200-TRX-0.3** | Ultra Low Noise | PreAmp triax | 3-slot male | 3-slot male | 0.3 | 1ft | 4200-PA |
| **4200-TRX-1** | Ultra Low Noise | PreAmp triax | 3-slot male | 3-slot male | 1 | 3.2 | 4200-PA |
| **4200-TRX-2** | Ultra Low Noise | PreAmp triax | 3-slot male | 3-slot male | 2 | 6.5 | 4200-PA |
| **4200-TRX-3** | Ultra Low Noise | PreAmp triax | 3-slot male | 3-slot male | 3 | 9.8 | 4200-PA |
| **4801** | Low Noise Input | Coax | Male BNC | Male BNC | 1.2 | 4 | 6482, 6485, 7158 |
| **4802-10** | Low Noise Input | Coax | Male BNC | Unterminated | 3 | 10 | 6482, 6485, 7158 |
| **4803** | Low Noise Cable Kit | Coax | Male BNC (10) | Female BNC (5) | 15.2 | 50 | 6482, 6485, 7158 |
| **6011** | Input Leads | Triax | 2-slot male triax | Alligator clips (3) | 1.5 | 5 | Instruments with 2-slot triax connectors |
| **6011-10** | Input Leads | Triax | 2-slot male triax | Alligator clips (3) | 3 | 10 | Instruments with 2-slot triax connectors |
| **6517-ILC-3** | 4-pin Interlock Cable | Shielded | 4-pin female DIN | 4-pin female DIN | 1 | 3.3 | 6517A, 8009 |
| **6517B-ILC-3** | Interlock Cable | Shielded | 4-pin Phoenix | 4-pin DIN | 1 | 3.3 | 6517B, 8009 |
| **7009-5** | Shielded RS-232 | Shielded | Male DB-9 | Female DB-9 | 1.5 | 5 | All RS-232 capable instruments |
| **7011-MTC-1** | Mass Terminated Assembly | Twisted pair (45) | 96-pin female | 96-pin female | 1 | 3.3 | 7011-C, 7012-C, 7013-C, 7015-C, 7018-C |
| **7011-MTC-2** | Mass Terminated Assembly | Twisted pair (45) | 96-pin female | 96-pin female | 2 | 6.6 | 7011-C, 7012-C, 7013-C, 7015-C, 7018-C |
| **7019C-MTCI-2** | Kelvin Instrument Cable | Shielded twisted pair | Card connector | Shielded banana plug cables (6) | 2 | 6.6 | Series 2400 |
| **7020-MTC-2** | Mass Terminated Assembly | Twisted pair (45) | 96-pin female | 96-pin female | 2 | 6.6 | 7020 |
| **7024-3** | Low Noise | Triax | 2-slot male triax | 2-slot male triax | 0.9 | 3 | Instruments with 2-slot triax connectors |
| **7024-10** | Low Noise | Triax | 2-slot male triax | 2-slot male triax | 3 | 10 | Instruments with 2-slot triax connectors |
| **7025-10** | Low Noise Input | Triax | 2-slot male triax | Unterminated | 3 | 10 | Instruments with 2-slot triax connectors |
| **7035-MTC-2** | Mass Terminated Assembly | Twisted pair (45) | 96-pin female | 96-pin female | 2 | 6.6 | 7035 |
| **7036-MTC-2** | Mass Terminated Assembly | Twisted pair (45) | 96-pin female | 96-pin female | 2 | 6.6 | 7036 |
| **7051-*** | BNC Interconnect | Coax | BNC | BNC | | | 2015, 2016, 3390 |

# Cables

| | | | TERMINATIONS | | LENGTH | | |
|---|---|---|---|---|---|---|---|
| **Model** | **Description** | **Type** | **From** | **To** | **m** | **ft** | **USE WITH:** |
| **7078-DIN** | 707A Master/Slave | Twisted pair (9) | 8-pin DIN | 8-pin DIN | 1.8 | 6 | 707A |
| **7078-MTC-5** | Mass Terminated Assembly | Twisted pair (12) | 38-pin connector | 38-pin connector | 1.5 | 5 | 7071, 7071-4, 7074-D |
| **7078-MTC-20** | Mass Terminated Assembly | Twisted pair (12) | 38-pin connector | 38-pin connector | 6.1 | 20 | 7071, 7071-4, 7074-D |
| **7078-TRX-1** | Low Noise | Triax | 3-slot male triax | 3-slot male triax | 0.3 | 1 | 2635B, 2636B, 6482, 6487, 6514, 6517A, 6517B, 7072, 7174A |
| **7078-TRX-3** | Low Noise | Triax | 3-slot male triax | 3-slot male triax | 0.9 | 3 | 2635B, 2636B, 6482, 6487, 6514, 6517A, 6517B, 7072, 7174A |
| **7078-TRX-5** | Low Noise | Triax | 3-slot male triax | 3-slot male triax | 1.5 | 5 | 2635B, 2636B, 6482, 6487, 6514, 6517A, 6517B, 7072, 7174A |
| **7078-TRX-10** | Low Noise | Triax | 3-slot male triax | 3-slot male triax | 3 | 10 | 2635B, 2636B, 6482, 6487, 6514, 6517A, 6517B, 7072, 7174A |
| **7078-TRX-12** | Low Noise | Triax | 3-slot male triax | 3-slot male triax | 4 | 12 | 2635B, 2636B, 6482, 6487, 6514, 6517A, 6517B, 7072, 7174A |
| **7078-TRX-20** | Low Noise | Triax | 3-slot male triax | 3-slot male triax | 6.1 | 20 | 2635B, 2636B, 6482, 6487, 6514, 6517A, 6517B, 7072, 7174A |
| **7078-TRX-6IN** | Low Noise | Triax | 3-slot male triax | 3-slot triax | 0.15 | 0.5 | 6430 |
| **7152-MTC-2** | Low Noise Matrix Expansion | Triax (5) | 6-pin M-series coax | 6-pin M-series coax | 0.6 | 2 | 7152 |
| **7152-MTC-10** | Low Noise Matrix Expansion | Triax (5) | 6-pin M-series coax | 6-pin M-series coax | 3 | 10 | 7152 |
| **7152-TRX-10** | Low Noise M-Series to Triax | Triax (5) | M-series connector | 3-slot triax (5) | 3 | 10 | 7152, 8006 |
| **7153-TRX** | Low Noise M-Series to Triax | Triax (5) | M-series connector | 3-slot triax (5) | 2 | 6 | 7153 |
| **7173-50-CSEP** | 4-cable Set | Coax | SMB female | BNC male | 0.6 | 2 | 7173-50 |
| **7705-MTC-2** | Mass Terminated Assembly | Twisted pair (25) | D-sub male | D-sub female | 2 | 6.6 | 7703, 7705, 7707, 7709 |
| **7711-BNC-SMA** | 5 SMA to BNC Cables | Coax | SMA Male | BNC Female | 0.15 | 0.5 | 7711 |
| **7712-SMA-1** | SMA Cables | Coax | SMA Male | SMA Male | 1 | 3.3 | 7711, 7712, System 46, System 46T |
| **7754-3** | BNC | Coax | BNC Male | Alligator clips | 0.9 | 3 | Instruments with 2-slot BNC connectors |
| **8007-GND-3** | Safety Ground Wire | Single wire | Crimp lug | Crimp lug | 3 | 10 | 8007 |
| **8542-301** | LIV Cable | Multiple conductor | DB9 female | Multiple terminations: Triax (2500), 2 dual bananas (24XX) GND wire | 1.8 | 6 | 2500, Series 2400, System 25, 8544, 8544-TEC |
| **8607** | 1kV Test Cables | Single wire (2) | Safety banana | Safety banana | 1 | 3.3 | 2410, 6487, 6517A, 6517B |
| **CA-18-1** | Shielded | Coax | Dual banana plug | Dual banana plug | 1.2 | 4 | Binding post inputs |
| **CA-19-2** | RG58 | RG58 | BNC male | BNC male | 1.5 | 5 | 4200-SCS |
| **CA-126-1A** | Digital I/O | Shielded | DB25 male | DB25 female | 1.5 | 5 | Series 2600B, Series 3700A |
| **CA-180-3A** | Crossover Cable | Twisted pair | RJ45 | RJ45 | 3 | 10 | Series 2600B, 2701, 3390, Series 3700A, 6221, all TSP-enabled instruments |
| **CA-321-1** | Temperature Control Cable | Multiple conductor | DB15 female | 8-position Phoenix (CS-846 equivalent) | 1.8 | 6 | 2510, 8544 |
| **CA-322-1** | Dual Temperature Control Cable | Multiple conductor | DB15 female | Y cable to two 8-position Phoenix (CS-846) | 1.8 | 6 | 2510, 8544, 8544-TEC |
| **CA-404B** | RG188 | Coax | SMA male | SMA male | 2 | 6.5 | 4200-SCS |
| **CA-405B** | RG188 | Coax | SMA male | SMA male | 0.15 | 0.5 | 4200-SCS |
| **CA-406B** | RG188 | Coax | SMA male | SMA male | 0.33 | 1.08 | 4200-SCS |
| **CA-446A** | Cable Assembly | Coax | SMA male | SMA male | 3 | 9.8 | 4210-CVU |
| **CA-447A** | Cable Assembly | Coax | SMA male | SMA male | 1.5 | 5 | 4210-CVU |
| **CA-451A** | RG188 | Coax | SMA male | SMA male | 0.108 | 0.35 | 4200-SCS |
| **CA-452A** | RG188 | Coax | SMA male | SMA male | 0.203 | **8 in.** | 4200-SCS |
| **CA-557-1A** | Cable Assembly | Multiple conductor | 8-pin receptacle | 8-pin receptacle | 1 | 3.3 | 2651A, 8011 |
| **CA-557-2A** | Cable Assembly | Multiple conductor | 8-pin receptacle | 8-pin receptacle | 2 | 6.6 | 2651A, 8011 |
| **CA-557-3** | Cable Assembly | Multiple conductor | 8-pin receptacle | 8-pin receptacle | 3 | 10 | 2651A, 8011 |
| **CA-558-x** | Interlock Cable | Twisted pair (2) | 25-pin D-sub | 3-pin | 1, 2, 3 | 3.3, 6.6, 10 | Series 2600B, 2657A |
| **CA-559-0A** | Black Banana Jumper | Jumper | Banana | Banana | 0.102 | 4 in. | 8010 |
| **CA-559-2A** | Red Banana Jumper | Jumper | Banana | Banana | 0.102 | 4 in. | 8010 |
| **CA-560-0A** | Banana Plug Jumper Cable | Jumper | Banana | Banana | 0.203 | 8 in. | 8010 |
| **CA-560-2A** | Banana Plug Jumper Cable | Jumper | Banana | Banana | 0.203 | 8 in. | 8010 |
| **CA-561-0A** | Black Banana Jumper | Jumper | Banana | Banana | 0.203 | 8 in. | 8010 |
| **CA-561-2A** | Red Banana Jumper | Jumper | Banana | Banana | 0.203 | 8 in. | 8010 |
| **CA-562-0B** | Black Safety Banana Plug Jumper Cable | Jumper | Banana | Banana | 0.254 | 10 in. | 8010 |
| **CA-562-2B** | Red Safety Banana Plug Jumper Cable | Jumper | Banana | Banana | 0.254 | 10 in. | 8010 |
| **CA-563C** | BNC to Banana Jumper | Jumper | Bnc | Banana | 0.241 | 9.5 in. | 8010 |
| **CA-567-0A** | Black Banana Jumper | Jumper | Banana | Banana | 0.203 | 8 in. | 8010 |
| **CA-567-2A** | Red Banana Jumper | Jumper | Banana | Banana | 0.203 | 8 in. | 8010 |
| **CA-568-XA** | Protective Earth Ground | Safety | Eye lug | Eye lug | 0.3, 0.45, 3 | 1, 1.5, 10 | 8010 |

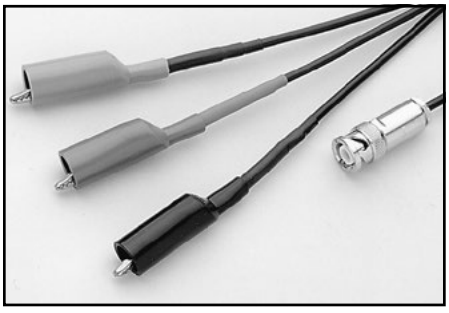
# Cables

| Model | Description | Type | TERMINATIONS From | To | LENGTH m | ft | USE WITH: |
|---|---|---|---|---|---|---|---|
| **HV-CA-554-x** | 3kV Rated | High voltage | Triax | Triax | 0.5, 1, 2, 3 | 1.6, 3.2, 6.6, 10 | 8010, 2657A |
| **HV-CA-571-3** | High Voltage | Triax | Triax | Unterminated | | | 2657A |
| **S46-SMA-0.5** | SMA Cable | Coax | SMA Male | SMA Male | 0.15 | 0.5 | 7711, 7712, System 46, System 46T |
| **S46-SMA-1** | SMA Cable | Coax | SMA Male | SMA Male | 0.30 | 1.0 | 7711, 7712, System 46, System 46T |
| **SC-9** | Low Noise | Coax | Unterminated | Unterminated | Sold by the foot | | |
| **SC-22** | Low Noise | Triax | Unterminated | Unterminated | Sold by the foot | | CS-631 |
| **SC-93** | Low Thermal | Shielded | Unterminated | Unterminated | Sold by the foot | | 2182-KIT |
| **SC-182** | Low Inductance | Coax | Unterminated | Unterminated | Sold by the foot | | 2302, 2303, 2303-PJ, 2304A, 2306, 2306-PJ |
| **SC-200A** | General Purpose | Shielded twisted pair | Unterminated | Unterminated | Sold by the inch | | Series 2600B |
| **SC-206** | High Current Coax Cable | Coax | Unterminated | Unterminated | Sold by the inch | | 2651A |
| **SHV-CA-553-x** | 3kV Rated | High voltage | Triax | SHV | 1, 2, 3 | 3.2, 6.6, 10 | 2657A |



**Model 236-ILC-3 Safety Interlock Cable:** Designed to connect the lid interlock circuit of the Models 8007 and 8008 test fixtures to the interlock circuit of the Model 237 SMU and 486 and 487 Picoammeters.

**For use with: 4200-SCS, 8007, 8008**



**Model 237-ALG-*:** Low noise triax cable (SC-22) terminated with a 3-slot male triax connector on one end and 3 alligator clips on the other.
**237-ALG-2** 2m (6.6 ft) length
**237-ALG-15** 15m (50 ft) length

**For use with: Series 2200, Series 2600B, 4200-PA, 6220, 6221, 6487, 6514, 6482, 6517A, 6517B**



**Model 248-MHV:** 3m (10 ft) of RG-8A/U coax cable terminated with a SHV female connector on one end and a MHV male connector on the other. Maximum operating voltage (rms) is 5,000V.

**For use with: 248**



**Model 248-SHV:** 3m (10 ft) of RG-8A/U coax cable terminated with a SHV female connector on both ends. Maximum operating voltage (rms) is 5,000V.

**For use with: 248 and CS-970**



**Model 2000-MTC-2 Cable Assembly:** 2-meter cable with a 44-pin connector on one end that is designed to mate with the 2000-20 scanner card. The other end is unterminated for direct connection to measurement fixtures or devices.

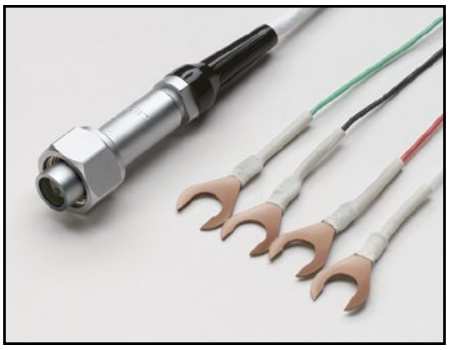
**For use with: 2000-20**



**Model 2000-MTCD-2 Cable Assembly:** 2-meter cable with a 44-pin connector on one end that is designed to mate with the 2000-SCAN-20 scanner card. The other end is equipped with a 50-pin D-sub male connector.

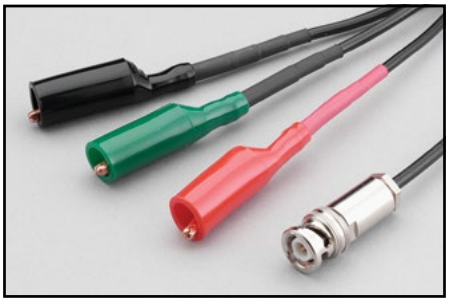
**For use with: 2000-SCAN-20**

# Cables



**Model 2107-* Low-Thermal Input Cables with Spade Lugs:** An input cable terminated with a LEMO connector on one end and four copper spade lugs on the other.
**2107-4** 1.2m (4 ft) length
**2107-30** 9.1m (30 ft) length
**2107-50** 15m (50 ft) length

**For use with: 2182A, Series 2200**



**Model 2600-ALG-2:** 2m (6.6 ft) cable terminated with a 3-slot male triax connector on one end and 3 alligator clips on the other.

**For use with: 2635B, 2636B, 4200-PA**



**Model 2651A-KIT-*:** High current, low impedance, coaxial cable assembly.
**2651A-KIT-1:** 1m (3.3 ft).
**2651A-KIT-2:** 2m (6.6 ft).
**2651A-KIT-3:** 3m (10 ft).

**For use with: 2651A, 8011**



**Model 3720-MTC-*:** 78-pin D-sub female to 78-pin D-sub male cable.
**3720-MTC-1.5:** 1.5m (5 ft) length
**3720-MTC-3:** 3m (10 ft) length

**For use with: 3720, 3723, 3724**



**Model 3721-MTC-*:** 50-pin D-sub female to 50-pin D-sub male cable.
**3721-MTC-1.5:** 1.5m (5 ft) length
**3721-MTC-3:** 3m (10 ft) length

**For use with: 3721, 3730, 3731, 3740, 3750**



**Model 3722-MTC-*:** 104-pin D-sub male to 104-pin D-sub female cable.
**3722-MTC-1.5:** 1.5m (5 ft) length
**3722-MTC-3:** 3m (10 ft) length

**For use with: 3722**



**Model 3722-MTC-*/MM:** 104-pin D-sub male to 104-pin D-sub male cable.
**3722-MTC-1.5/MM:** 1.5m (5 ft) length
**3722-MTC-3/MM:** 3m (10 ft) length

**For use with: 3722**



**Model 3732-MTC-*:** 78-pin D-sub female to 78-pin D-sub male cable.
**3732-MTC-1.5:** 1.5m (5 ft) length
**3732-MTC-3:** 3m (10 ft) length

**For use with: 3732**

# Cables



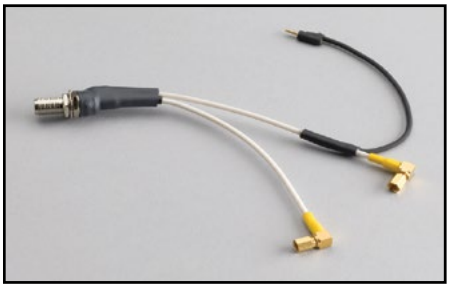
**Model 4200-MTRX-*:** Ultra low noise SMU triax cable is terminated with a miniature male triax connector on one end and a standard 3-slot male triax connector on the other end. This cable connects a Model 4200-SMU or 4210-SMU source measurement unit installed in a Model 4200-SCS to a test fixture. (4200-MTRX-* cables are intended only for connection to an SMU that does not have a 4200-PA PreAmp installed.)

**4200-MTRX-1:** 1m (3.2 ft)

**4200-MTRX-2:** 2m (6.5 ft) (two included with each 4200-SCS SMU not configured with a 4200-PA Remote PreAmp)

**4200-MTRX-3:** 3m (9.8 ft)

**For use with: 4200-SCS**



**Model 4200-PRB-C:** SMA to SSMC Y adapter cable with local ground that connects the 4200-PIV package to DC probe manipulators. The cable is terminated at one end with a single female SMA. The other end splits into two gold SSMC plugs (female connectors) and a black wire with integrated connector, which is used to connect to the shield of another Model 4200-PRB-C cable.

**For use with: 4200-PIV, 4210-CVU**



**Model 4200-RPC-*:** Remote PreAmp cable terminated at each end with a high density DB15 connector. This cable connects a Model 4200-SMU or 4210-SMU source measurement unit installed in a Model 4200-SCS to a remotely mounted Model 4200-PA PreAmp.

**4200-RPC-0.3:** 0.3m (1 ft) (for use inside prober shield)

**4200-RPC-2**: 2m (6.5 ft) (one included with each 4200-PA)

**4200-RPC-3:** 3m (9.8 ft)

**4200-RPC-6:** 6m (19.6 ft)

**For use with: 4200-PA**



**Model 4200-TRX-*:** Ultra low noise PreAmp triax cable terminated with a standard 3-slot male triax connector on each end. This cable connects a Model 4200-PA PreAmp option installed in the Model 4200-SCS to the test fixture.

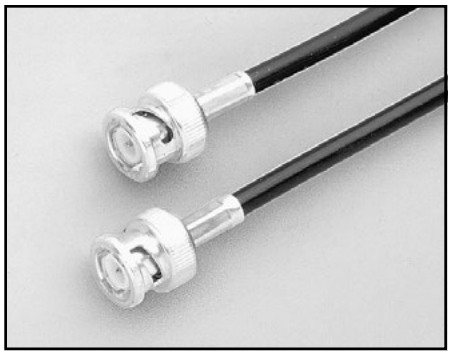
**4200-TRX-0.3:** 0.3m (1 ft) (recommended for remote location of the 4200-PA)

**4200-TRX-1:** 1m (3.2 ft)

**4200-TRX-2:** 2m (6.5 ft) (two included with each Model 4200-PA)

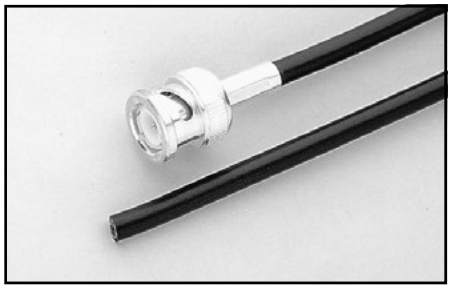
**4200-TRX-3:** 3m (9.8 ft)

**For use with: 4200-PA**



**Model 4801 Input Cable:** Low noise coax cable, 1.2m (48 in) in length, with male BNC connectors on each end.

**For use with: 6482, 6485, 7158**



**Model 4802-10:** 3m (10 ft) of low noise coax cable with male BNC connector at one end and unterminated at the other.

**For use with: 6482, 6485, 7158**



**Model 4803 Low Noise Cable Kit:** Includes 15m (50 ft) of low noise coax cable, 10 male BNC connectors, and 5 female BNC chassis-mount connectors.

**For use with: 6482, 6485, 7158**

# Cables




**Model 6011 2-slot Triax Cable:** 1.5m (5 ft) of triax cable (SC-22) terminated with a 2-slot triax plug on one end and three alligator clips on the other. Also available in 3m (10 ft) length **(Model 6011-10).**

**For use with instruments with 2-slot triax connectors**



**Model 6517-ILC-3 Interlock Cable:** Designed to connect the Interlock of the 6517A with the 8009 test fixture. Configuring the 6517A with the 8009 test fixture results in all the electrode constants already being programmed into the unit.

**For use with: 6517A Electrometer, 8009**



**Model 6517B-ILC-3 Interlock Cable:** Designed to connect the interlock of the 6517B with the 8009 test fixture. Configuring the 6517B with the 8009 test fixture results in all the electrode constants already being programmed into the unit.

**For use with: 6517B Electrometer, 8009**



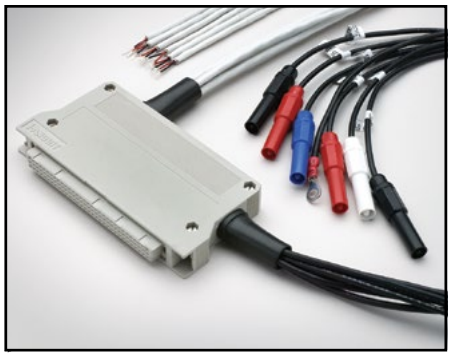
**Model 7009-5 Shielded RS-232 Cable:** 1.5m (5 ft) RS-232 cable with a male DB-9 connector at one end and a female DB-9 connector on the other end. Wired as a straight through, not as a null modem cable.

**For use with: All RS-232 capable instruments**



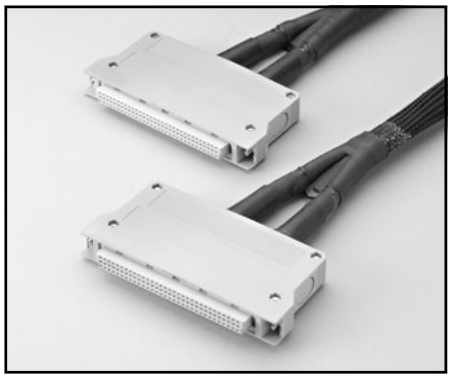
**Model 7011-MTC-x:** Mass terminated cable assembly for connection to 7011-C and other switching cards. The cable has 45 pairs with outer shield. The cable is terminated at each end with 96-pin female DIN connectors with strain relief.
**7011-MTC-1** 1m (3.3 ft)
**7011-MTC-2** 2m (6.6 ft)

**For use with: 7011-C, 7012-C, 7013-C, 7015-C, 7018-C, 7022**



**Model 7019C-MTCI-2 6-wire Kelvin Extender and Instrument Cable:** Used with Model 7019-C 6-Wire Ohms Matrix Card and a SourceMeter SMU instrument. The SourceMeter cables are 0.6m (2 ft) long and the DUT cables are 2m (6.6 ft) long. The cable set is used in a basic system to test a resistor network.

**For use with: Series 2400 SourceMeter SMU Instruments**



**Model 7020-MTC-2:** 2m (6.6 ft) mass terminated cable assembly for connection to 7020. The cable has 45 pairs with outer shield. The cable is terminated at each end with 96-pin female DIN connectors with strain relief.

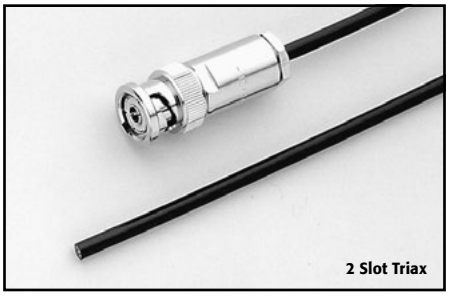
**For use with: 7020**

# Cables



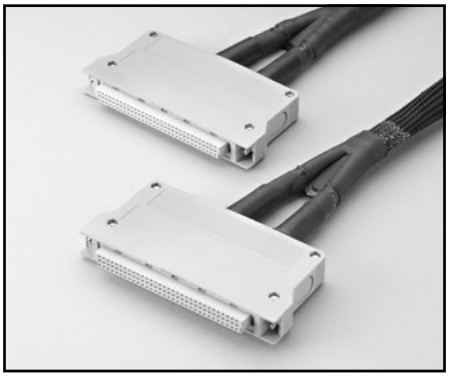

**Model 7024-* 2-slot Triax Cable:** Low noise triax cable (SC-22) with 2-slot male triax connectors on each end.
**7024-3** 0.9m (3 ft)
**7024-10** 3m (10 ft)

**For use with instruments with 2-slot triax connectors**



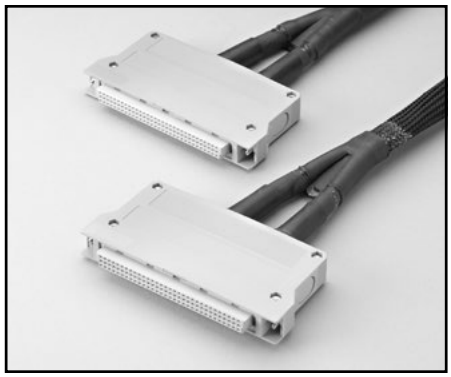

**Model 7025-10 2-slot Triax Cable:** 3m (10 ft) low noise triax input cable (SC-22) terminated on one end with 2-slot male triax connector.

**For use with instruments with 2-slot triax connectors**



**Model 7035-MTC-2:** 2m (6.6 ft) mass terminated cable assembly for connection to 7035. The cable has 45 pairs with outer shield. The cable is terminated at each end with 96-pin female DIN connectors with strain relief.

**For use with: 7035**



**Model 7036-MTC-2:** 2m (6.6 ft) mass terminated cable assembly for connection to 7036. The cable has 45 pairs with outer shield. The cable is terminated at each end with 96-pin female DIN connectors with strain relief.

**For use with: 7036**



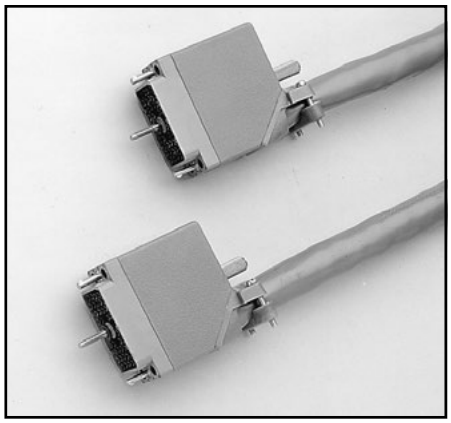
**Model 7051-*:** General purpose BNC to BNC cable (G-58C).
**7051-2** 0.6m (2 ft)
**7051-5** 1.5m (5 ft)
**7051-10** 3m (10 ft)

**For use with: 2015, 2016, 3390, 7711, some instrument external trigger I/O lines**



**Model 7078-DIN:** This 1.8m (6 ft) cable accessory connects between Model 707A mainframes when operated as one unit in Master/Slave mode. One cable is required for each mainframe.

**For use with: 707A**



**Model 7078-MTC-5:** 1.5m (5 ft) mass terminated cable for connection to column inputs (7071 and 7071-4). Also used for matrix expansion (7071, 7071-4, or 7074). The cable has 12 sets of shielded twisted pair wires for isolation of critical circuits and noise rejection in the system. The cable is terminated at each end in a 38-pin connector block with strain relief. **Model 7078-MTC-20** can be used as is or cut in half to make two 10 ft cables.

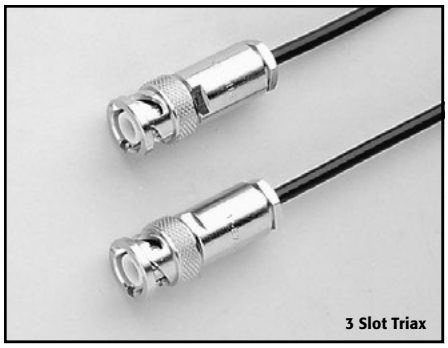
**For use with: 7071, 7071-4, 7074-D**




**Model 7078-TRX-* 3-slot Triax Cables:** Low noise triax cables terminated at both ends in 3-slot male triax connectors.
**7078-TRX-1** 0.3m (1 ft)
**7078-TRX-3** 0.9m (3 ft)
**7078-TRX-5** 1.5m (5 ft)
**7078-TRX-10** 3.0m (10 ft)
**7078-TRX-12** 3.5m (12 ft)
**7078-TRX-20** 6.0m (20 ft)

**For use with: 2635B, 2636B, 6220, 6221, 6482, 6487, 6514, 6517A, 6517B, 7072, 7174A**

# Cables




**Model 7078-TRX-6IN 3-slot Triax Cable:** 0.15m (6 inch), 3-slot, low-noise, guarded triax cable that minimizes leakage current and input capacitance when used with the Model 6430 Remote PreAmp (lower noise than 1 foot or longer versions).

**For use with: 6430**



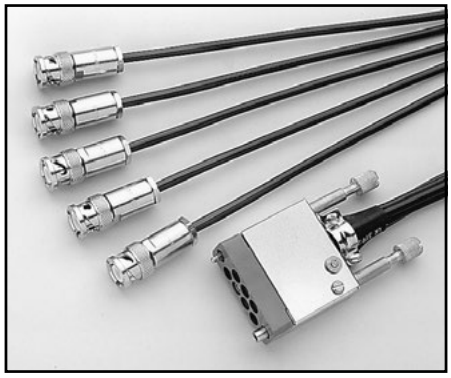
**Model 7152-MTC-*:** Five low noise triax cables terminated in 6-position M-series coax connector blocks. Provides quick connection between 7152 matrix cards and is compatible with Model 7152-MTR connector. Also available in 3m (10 ft) length for connection between the matrix and the device under test.
**7152-MTC-2** 0.6m (2 ft)
**7152-MTC-10** 3.0m (10 ft)

**For use with: 7152**



**Model 7152-TRX-10:** Set of five 3m (10 ft) low noise triax cables terminated at one end in a single M-series connector block and at the other end in 3-slot triax connectors. This cable is most useful for direct connection to electrometers and Source/Measure Units.

**For use with: 7152, 8006**



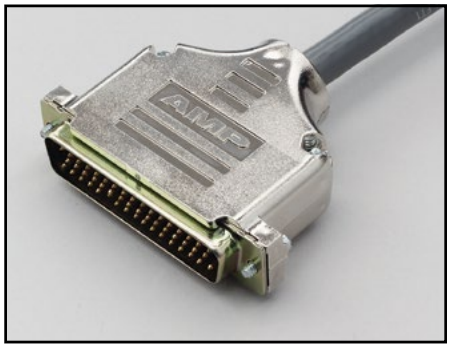
**Model 7153-TRX:** 2m (6.6 ft) low noise cable assembly with M-series connector at one end for row or column connections to the 7153, and five 3-slot male triax connectors at the other end. Two 7153-TRX cable assemblies are required to make all connections to the 7153 card.

**For use with: 7153**



**Model 7173-50-CSEP:** The 7173-50-CSEP cable set provides the capability to expand a switching configuration to include more than one 7173-50. Each set contains four 0.6m (25 in) cables. One cable is required to expand each row or column connection between adjacent cards. For example, using two 7173-50 cards to create a 4×24 matrix would require connecting the rows of two adjacent cards together. One 7173-50-CSEP set has enough cables to do this. Connecting the 12 columns together on two adjacent cards creates an 8×12 matrix. This would require three 7173-50-CSEP sets, 12 cables.

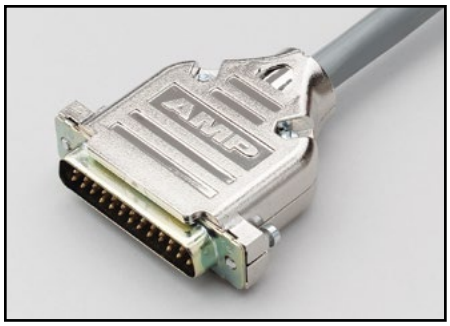
**For use with: 7173-50**




**Model 7705-MTC-2:** 2m (6.6 ft) 50-conductor male to female D-sub cable assembly.

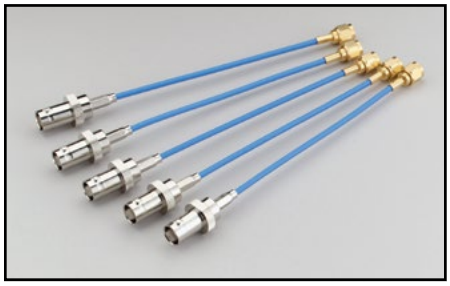
**For use with: 7703, 7705, 7707, 7709, 7701**

# Cables



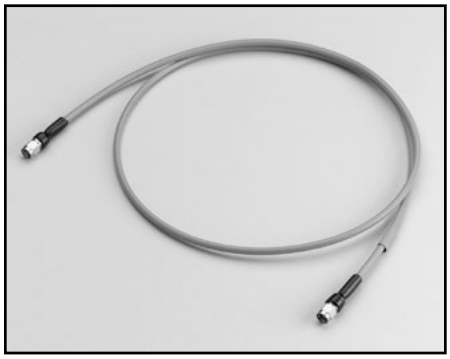

**Model 7707-MTC-2:** 2m (6.6 ft) 25-conductor male to female D-sub cable assembly.

**For use with: 7701, 7707, 7709**



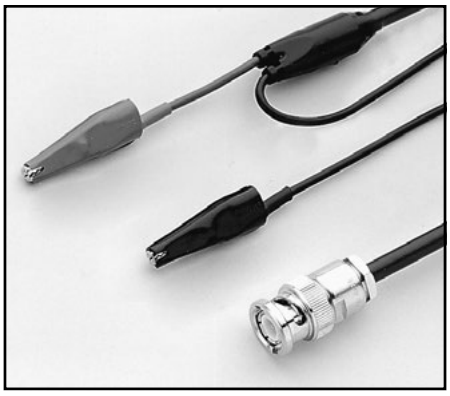
**Model 7711-BNC-SMA:** Male SMA to female BNC cables (5 each), 0.15m (0.5 ft) in length.

**For use with: 7711**



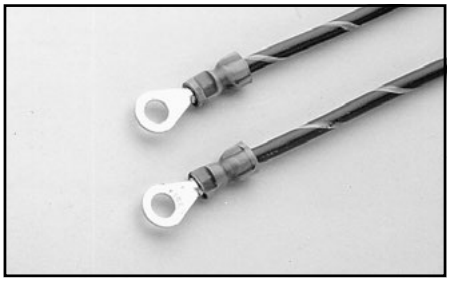
**Model 7712-SMA-1:** SMA cable, male to male, 1m (3.3 ft).

**For use with: 7711, 7712, System 46, System 46T**



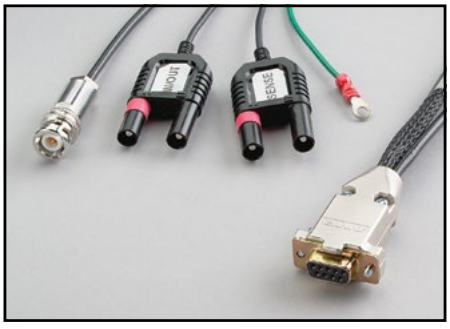
**Model 7754-3 BNC to Alligator Cable:** 0.9m (3 ft) terminated on one end with a BNC plug and on the other with two alligator clips.

**For use with instruments with 2-slot BNC connections**



**Model 8007-GND-3:** Safety ground wire, 3m (10 ft).

**For use with instruments with a safety ground connector**



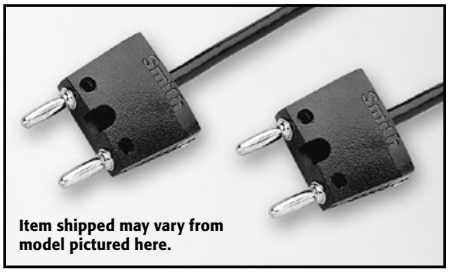

**Model 8542-301:** 1.8m (6 ft) LIV test system cable.

**For use with: Series 2400, 2500, System 25, 8544, 8544-TEC**




**Model 8607 1kV Source Banana Cable Set:** The 8607 cable set is made up of one red and one black high voltage test lead with fixed safety banana plug ends. The leads are 1 meter (3.3 ft) long and have a voltage rating of 1500V DC.

**For use with: 2410, 6487, 6517A, 6517B**




**CA-18-1:** 1.2m (4 ft) shielded cable terminated with a dual banana plug on each end. For use with binding post inputs or dual banana jacks.

**For use with: Binding post inputs**



**Model CA-19-2:** 1.5m (5 ft) RG58 cable terminated with a BNC male plug on each end.

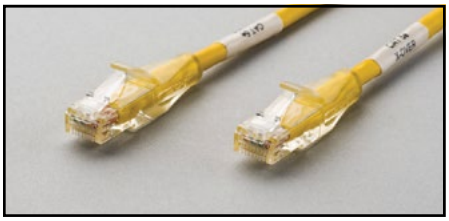
**For use with: 4200-SCS**

# Cables



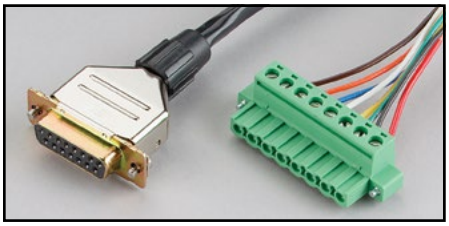
**CA-126-1A Digital I/O Cable:** 1.5m (5 ft) of cable, from DB25 male to DB25 female.

**For use with: Series 2600B, Series 3700A**



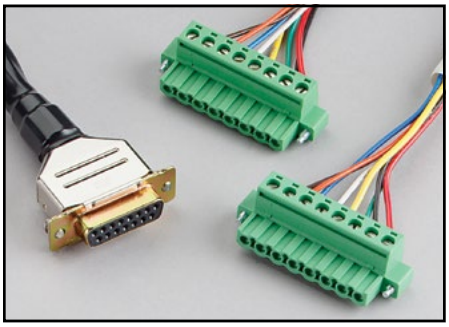
**CA-180-3A:** 3m (10 ft), CAT5 crossover cable for Ethernet or TSP-Link.

**For use with: Series 2600B, 2701, 3390, Series 3700A, 6221, all TSP-Link enabled instruments**



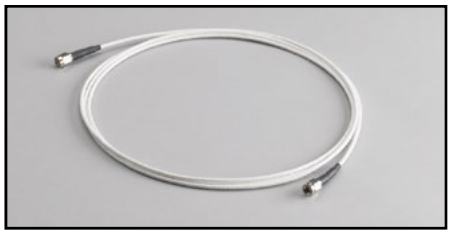
**CA-321-1:** Temperature control cable.

**For use with: 2510, 8544**



**CA-322-1:** Dual temperature control cable.

**For use with: 2510, 8544, 8544-TEC**



**CA-404B:** 2m (6.5 ft) RG188 coax cable terminated with an SMA male plug on each end, 50Ω impedance.

**For use with: 4200-SCS, System 46, System 46T**



**CA-405B:** 15cm (6 in) RG188 coax cable terminated with an SMA male plug on each end, 50Ω impedance.

**For use with: 4200-SCS**



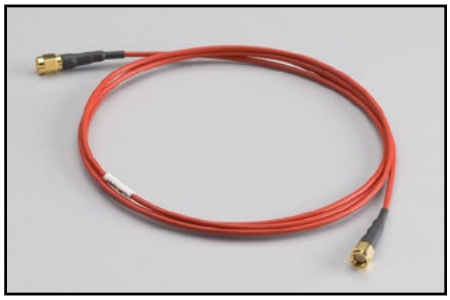
**CA-406B:** 33cm (13 in) RG188 coax cable terminated with an SMA male plug on each end, 50Ω impedance.

**For use with: 4200-SCS**



**CA-446A:** 3m (9.8 ft) coax cable terminated with an SMA male plug on each end, 100Ω impedance.

**For use with: 4210-CVU**



**CA-447A:** 1.5m (4.9 ft) coax cable terminated with an SMA male plug on each end, 100Ω impedance.

**For use with: 4210-CVU**



**CA-451A:** 10.8cm (4.25 in) RG188 coax cable terminated with an SMA male plug on each, 50Ω impedance.

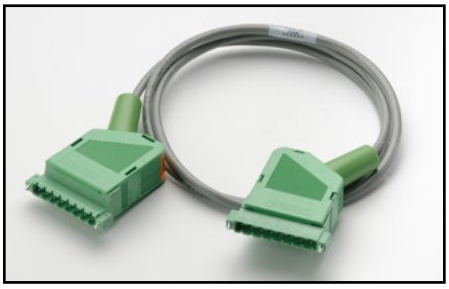
**For use with: 4200-SCS**

# Cables



**CA-452A:** 20.4cm (8 in) RG188 coax cable terminated with an SMA male plug on each end, 50Ω impedance.

**For use with: 4200-SCS**



**CA-557-*:** 8-pin male to 8-pin male cable assembly with straight through pin configuration.

**CA-557-1:** 1m (3.3 ft)

**CA-557-2:** 2m (6.6 ft)

**CA-557-3:** 3m (10 ft)

**For use with: 2601B, 2602B, 2611B, 2612B, 2651A SourceMeter® SMU Instruments, 2600-PCT-x, 4200-PCT-x, 8010**



**CA-558-2:** 25-pin D-sub to 3-pin interlock cable assembly.

**For use with: Series 2600B, 2600-PCT-x, 2651A, 2657A, 4200-SCS, 4200-PCT-x, 8010**



**CA-559-0A and CA-559-2A:** Banana to banana jumper (102mm).

**For use with: 2600-PCT-x, 4200-PCT-x, 8010**

**CA-560-0A and CA-560-2A:** Banana to banana jumper (203mm).

**For use with: 2600-PCT-x, 4200-PCT-x, 8010**

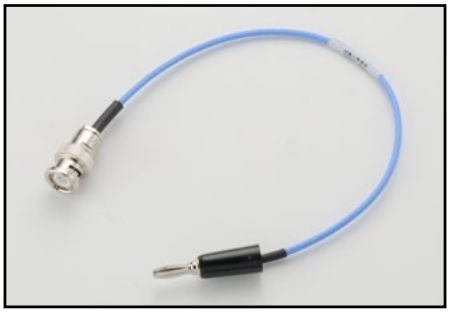
**CA-561-0A and CA-561-2A:** Banana to banana jumper (305mm).

**For use with: 2600-PCT-x, 4200-PCT-x, 8010**



**CA-562-0B and CA-562-2B:** Safety banana to banana jumper (254mm).

**For use with: 2600-PCT-x, 4200-PCT-x, 8010**



**CA-563C:** BNC to banana jumper (240mm).

**For use with: 2600-PCT-x, 4200-PCT-x, 8010**



**CA-568-xA:** Protective earth safety ground cable with eye lugs (x = 12, 18, or 120 inches).

**For use with: 2657A, 2657-LIM-3, 2657-PIM-200, 8010**



**HV-CA-554-x:** High voltage triax to triax cable (3kV rated) (x = 0.5, 1, 2, or 3m).

**For use with: 2657A, 2657-LIM-3, 2657-PIM-200, 8010**



**HV-CA-571-3:** High voltage triax to unterminated cable.

**For use with: 2657A, 2600-PCT-x, 4200-PCT-x**

# Cables



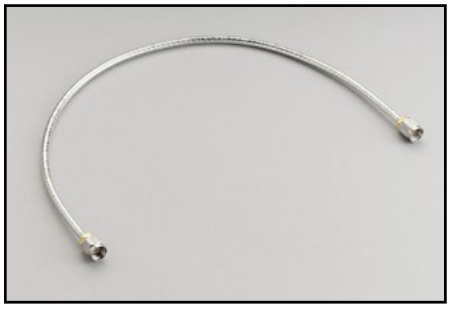
**SHV-CA-533-x:** High voltage triax to SHV cable (x = 1, 2, or 3m) (3kV rated).

**For use with: 2657A**



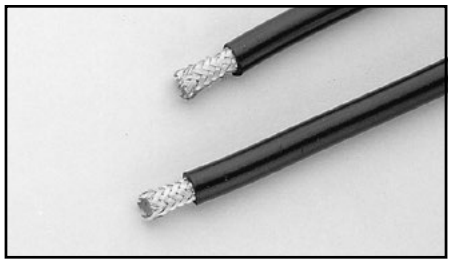
**S46-SMA-0.5:** SMA cable, male to male, 0.15m (0.5 ft).

**For use with: 7711, 7712, System 46, System 46T**

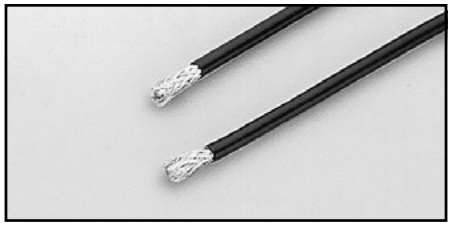


**S46-SMA-1:** SMA cable, male to male, 0.3m (1 ft).

**For use with: 7711, 7712, System 46, System 46T**



**SC-9:** Low noise coax cable without connectors (sold by the foot).



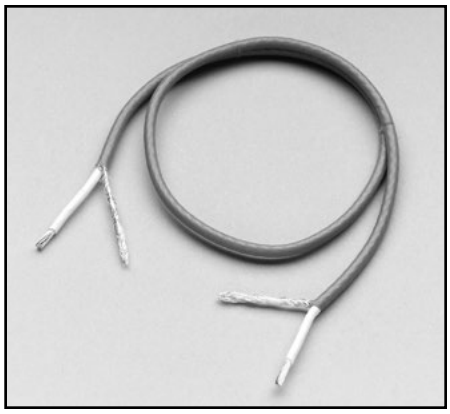
**SC-22:** Low noise triax cable without connectors (sold by the foot).

**For use with: CS-631**



**SC-93:** Low thermal, 2-conductor shielded cable, #22AWG solid copper (sold by the foot).

**For use with: 2182-KIT**



**SC-182:** Low inductance (42nH/ft) coaxial cable for minimizing test lead impedance in circuits using fast transient response power supplies. The cable is sold by the foot and comes without connectors.

**For use with: 2302, 2303, 2303-PJ, 2304A, 2306, 2306-PJ, 2306-VS**



**SC-200A:** Shielded twisted pair cable (sold by the inch). Recommended for general-purpose use with Series 2600B System SourceMeter SMU instruments.

**For use with: Series 2600B**

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