

Cables

Model	Description	Type	TERMINATIONS		LENGTH		USE WITH:
			From	To	m	ft	
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

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Cables



2 Slot Triax

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



2 Slot Triax

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



3 Slot Triax

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

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