

Model 2000-MTCD-2 Cable Assembly

The Model 2000-MTCD-2 Cable Assembly is used to communicate signals from a device under test (DUT) to the 20 input channels of a Model 2000-SCAN-20 Scanner Card installed in a Model 2000 Digital Multimeter.

The cable assembly is 6 feet long and is terminated with a female DB44 connector and a male DB50 connector. The female DB44 connector mates to the male DB44 connector (J1036) on the scanner card. Figure 1 and Table 1 provide the pin designations for the connection. Refer to the Model 2000-SCAN-20 Instruction Manual for the detailed information needed to configure and connect a test system.

J1036

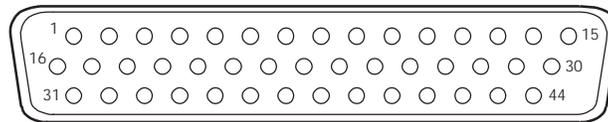


Figure 1
DB44 connector

Table 1
Connector J1036 input connector pin designations

Mux Terminal	Pin Designator		Wire Color	Mux Terminal	Pin Designator		Wire Color
	DB44	DB50			DB44	DB50	
Channel 1, HI	26	1	Blue/Red	Channel 11, HI	2	11	Red/Black
Channel 1, LO	11	18	Red/Blue	Channel 11, LO	1	28	Black/Red
Channel 2, HI	29	2	Orange/Red	Channel 12, HI	21	12	Yellow/Black
Channel 2, LO	14	19	Red/Orange	Channel 12, LO	6	29	Black/Yellow
Channel 3, HI	33	3	Green/Blue	Channel 13, HI	24	13	White/Red
Channel 3, LO	34	20	Blue/Green	Channel 13, LO	9	30	Red/White
Channel 4, HI	23	4	Orange/Black	Channel 14, HI	41	14	White/Blue
Channel 4, LO	8	21	Black/Orange	Channel 14, LO	42	31	Blue/White
Channel 5, HI	39	5	Green/Orange	Channel 15, HI	18	15	White/Black
Channel 5, LO	40	22	Orange/Green	Channel 15, LO	3	32	Black/White
Channel 6, HI	43	6	White/Yellow	Channel 16, HI	35	16	Green/Yellow
Channel 6, LO	44	23	Yellow/White	Channel 16, LO	36	33	Yellow/Green
Channel 7, HI	20	7	Blue/Black	Channel 17, HI	25	17	Green/Red
Channel 7, LO	5	24	Black/Blue	Channel 17, LO	10	50	Red/Green
Channel 8, HI	37	8	Green/Brown	Channel 18, HI	28	34	Brown/Red
Channel 8, LO	38	25	Brown/Green	Channel 18, LO	13	35	Red/Brown
Channel 9, HI	27	9	Yellow/Red	Channel 19, HI	19	36	Green/Black
Channel 9, LO	12	26	Red/Yellow	Channel 19, LO	4	37	Black/Green
Channel 10, HI	30	10	White/Green	Channel 20, HI	22	49	Brown/Black
Channel 10, LO	15	27	Green/White	Channel 20, LO	7	48	Black/Brown
NC	16	—	—	NC	31	—	—
NC	17	—	—	NC	32	—	—