

B.1 INTRODUCTION

This appendix lists the pin and signal designations for the serial communications line (SCL) interface, console cable, and Unibus cable/jumper.

B.2 SERIAL COMMUNICATIONS LINE INTERFACE

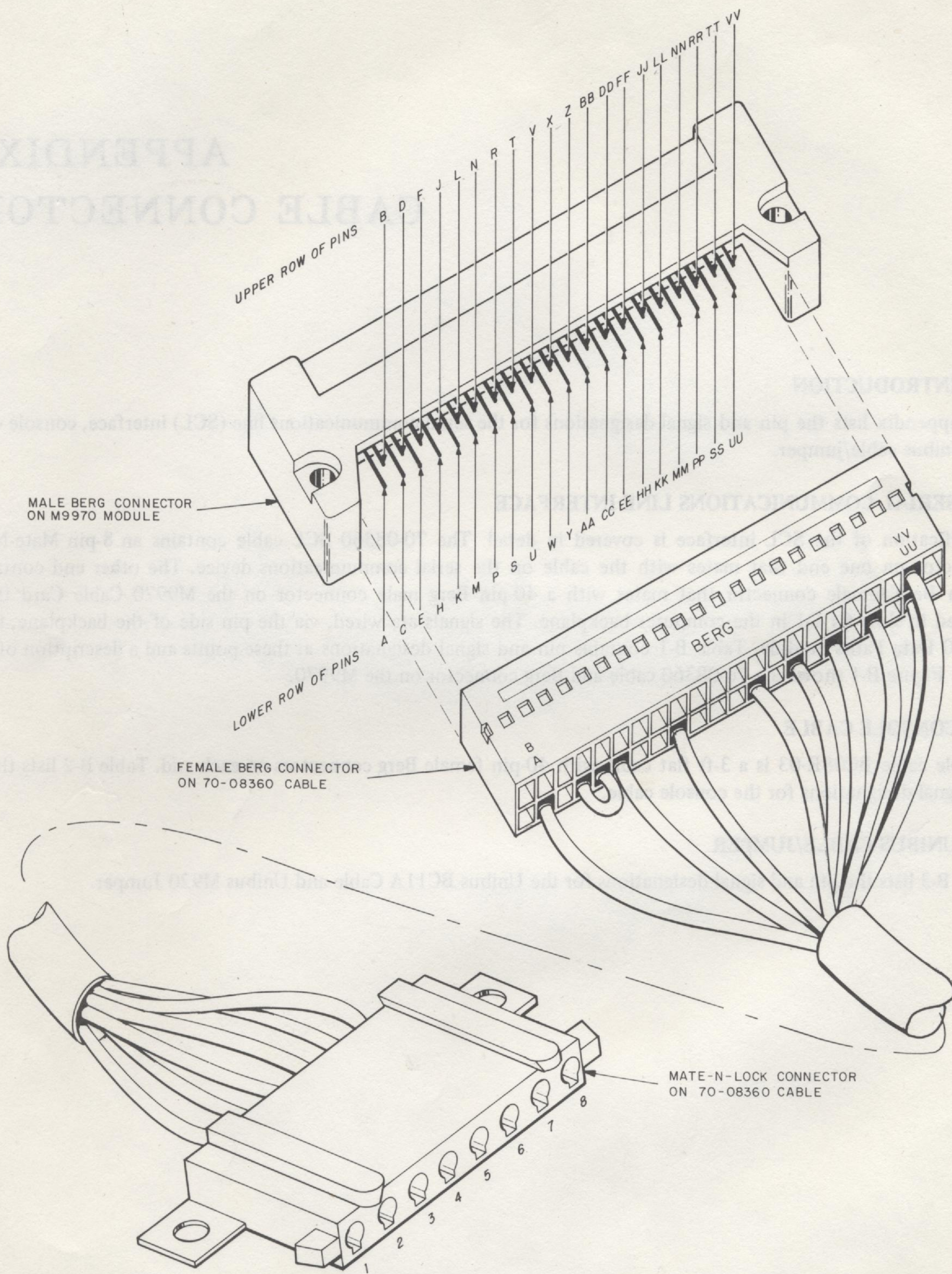
Identification of the SCL interface is covered in detail. The 70-08360 SCL cable contains an 8-pin Mate-N-Lok connector on one end that mates with the cable on the serial communications device. The other end contains a 40-pin Berg female connector that mates with a 40-pin Berg male connector on the M9970 Cable Card that is inserted in slots C1-D1 in the computer backplane. The signals are wired, via the pin side of the backplane, to the M7260 Data Paths module. Table B-1 contains pin and signal designations at these points and a description of each signal. Figure B-1 shows the 70-08360 cable and Berg connector on the M9970.

B.3 CONSOLE CABLE

Console cable BC08R-03 is a 3-ft flat cable with 40-pin female Berg connectors on each end. Table B-2 lists the pin and signal designations for the console cable.

B.4 UNIBUS CABLE/JUMPER

Table B-3 lists the pin and signal designations for the Unibus BC11A Cable and Unibus M920 Jumper.



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Figure B-1 SCL Cable 70-08360

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Table 3-5
7008519 Connections

7008360 Mate-N-Lok Connector P1	Mate-N-Lok Connector P2 (To 7008360)	Color	Mate-N-Lok Connector P1 (To Device)	Signal
2	2	Black	2	- Transmitted Data
3	3	Red	3	- Received Data
4				
5	5	White	5	+ Transmitted Data
6				
7	7	Green	7	+ Received Data

Table 3-6
BC05C Connections

Color	Cinch Connector P1 (To Device)	Berg Connector P2 (To DL11)	Signal
Blue/White	1	A	Ground
White/Blue	2	VV	Ground
Orange/White	3	F	Transmitted Data
White/Orange	4	J	Received Data
Green/White	5	V	Request to Send
White/Green	6	T	Clear to Send
Brown/White	7	Z	Data Set Ready
		B	Ground
		UU	Ground
White/Brown	8	BB	Carrier
Slate/White	9	Y	+ Power
White/Slate	10	W	- Power
Blue/Red	11	FF	202 Secondary Transmit
Red/Blue	12	JJ	202 Secondary Receive
Orange/Red	13	D	Secondary Clear to Send
Slate/Red	14	LL	EIA Secondary Transmit
Slate/Green	15	N	Serial Clock Transmit
Red/Brown	16	NN	EIA Secondary Receive
Slate	17	R	Serial Clock Receive
Red/Slate	18	U	Unassigned
Blue/Black	19	P	Secondary Request to Send
Black/Blue	20	DD	Data Terminal Ready
Orange/Black	21	MM	Signal Quality
Black/Orange	22	X	Ring
Green/Black	23	RR	Signal Rate
Brown/Red	24	L	External Clock
Red/Orange	25	C	Force Busy
		red → [E M	Interlock In Interlock Out