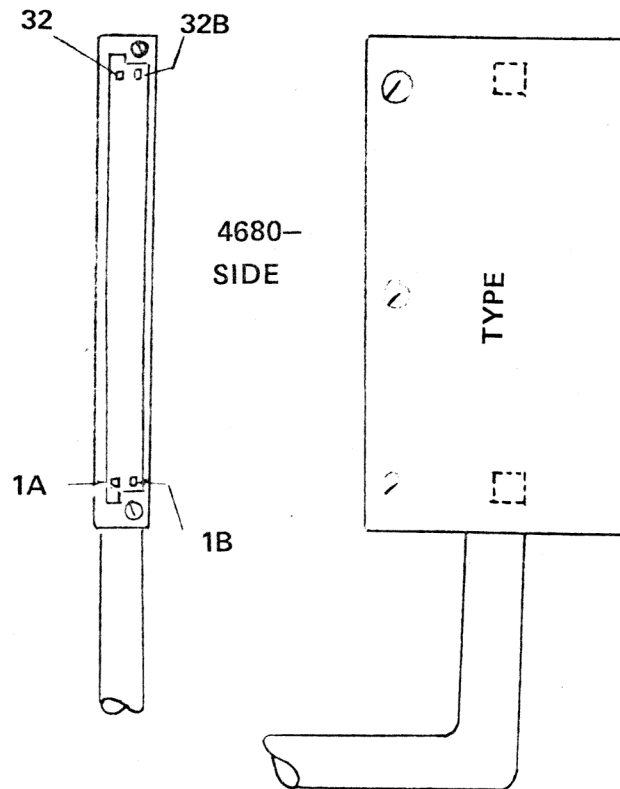




DESCRIPTION

DATABOARD 4680 offers you preassembled cables to connect your most common peripherals to the interface module in the 4680-backplane. If you need special purpose-cables contact your DATABOARD 4680 office.

The following cables are described:

<u>cable</u>	<u>and</u>	<u>interface</u>
7215		SP1 SEND
7216		SP1 RECEIVE
7217		UART ("V24")
7226		USART (V24 to synchronous modem)



Following general criteria apply:

- The cable is connected directly to the interface module in the 480-backplane.
- B 64 pin two-row Europe connector type DIN 41612 is used on the interface side.
- Cable length = 3 m.
- Twisted-pair unshielded round cable, type FKKX.
- Conductor coding uses LME standard for twisted-pair cables.
- The connector on the interface side of the cable is labelled with the type of interfacing, for example "UART". Connector and type of the peripheral side of the cable assembly is specified for each specifically.

SP1- SEND 7215

- Peripheral connector = Standard SP1 - female
- The cable is labelled "SP1 SEND"

PIN NUMBERING

4680	Signal	SP1-connector
14A	AM2	K
15A	AM1	H
16A	A0	C
16B	0-volt	B
17A	AC	E
17B	0-volt	B
18A	SC	F
18B	0-volt	B
19A	S0	D
19B	0-volt	B
20A	CA	I
21A	P	L
22A	Data 0	M
23A	1	N
24A	2	P
25A	3	R
26A	4	S
27A	5	T
28A	6	U
29A	7	V

SP1- RECEIVE 7216

- Peripheral connector = Standard SP1 - male.
- The cable is labelled "SP1 RECEIVE".

The pin numbering is the same as for the SP1- SEND.

USART 7226

- Peripheral connector = Standard DB 25 P

PIN NUMBERING

DIN 41612	DB 25 P	CCITT	EIA	
NC	1	101	AA	Frame ground
2B	2	103	BA	Transmitted data
3B	3	104	BB	Received data
4B	4	105	CA	Request to send
5B	5	106	CB	Clear to send
6B	6	107	CC	Data set ready
7B	7	102	AB	Signal ground
8B	8	109	CF	Data carrier detect
9B	9	-		+ 12 V DC
10B	10	-		- 12 V DC
NC	11	-		Unassigned
NC	12	122	SCF	Sec. data carrierdetect
NC	13	121	SCB	Sec. clear to send
14B	14	118	SBA	Sec. transmitted data
15B	15	114	DB	Transmitter clock
16B	16	119	SBB	Sec. received data
17B	17	115	DD	Receiver clock
NC	18	-	-	Receiver dibit clock
19B	19	120	SCA	Sec. request to send
20B	20	108.1		
		108.2	CD	Dataterminal ready
NC	21	110	CG	Signal quality detect
22B	22	125	CE	Ring indicator
NC	23	111/112	CG/CI	Data rate select
NC	24	-	DA	Ext transmitter clock
NC	25	-		Busy

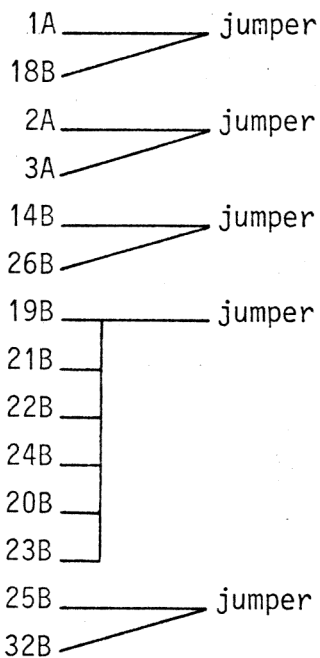
UART 7217

- No peripheral connector
- The cable is labelled "UART"

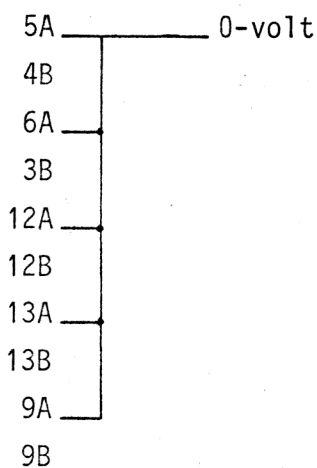
PIN NUMBERING

4680

Signal



2 stop bits
8 data bits
No parity
Internal clock



blue
white
orange
white
green
white
brown
white

TX
TX SPEC
RX
RX A
RX B