

# PCS Cables

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This appendix contains the following sections:

- Concentrated Link or X.24/V.11 Cable
- V.28 Interface Cable
- V.35 Interface Cable
- X.21bis V.10/V.11 (RS-449) DTE Cable
- X.21bis V.10/V.11 (RS-449) DCE Cable

## Concentrated Link or X.24/V.11 Cable

This cable is used to connect the PCS to an FRM-2 or FRP-2 card. It can also be used as an X.24/V.11 cable to a user device. (See Table A-1.)

**Table A-1      Concentrated Link or X.24/V.11 Cable**

<b>PCS 25-Pin Male</b>	<b>FRP/FRM 15-Pin Male</b>	<b>Signals</b>
1	1	Shield
7	8	G
2	2	TA
14	9	TB
3	4	RA
16	11	RB
4	3	CA
23	10	CB
8	5	IA
9	12	IB
15	6	SA
13	13	SB

## V.28 Interface Cable

The V.28 cable is used to connect a PCS port with a V.28 interface to a user device. (See Table A-2.)

**Table A-2 V.28 Cable**

<b>PCS Port 25-Pin Pale</b>	<b>User Device 25-Pin Male</b>	<b>Signals</b>
1	1	Shield
2	2	103
3	3	104
4	4	105
5	5	106
6	6	107
8	8	109
15	15	114
7	7	102
17	17	115
18	18	141
20	20	108
21	21	140
10	10	117
9	9	116
22	22	125
23	23	111
25	25	142

## V.35 Interface Cable

The V.35 cable is used to connect a PCS port with a V.35 interface to a user device. (See Table A-3.)

**Table A-3 V.35 Cable**

<b>PCS Port 25-Pin Male</b>	<b>User Device 34-Pin Male</b>	<b>Signals</b>
17	V	115A
12	X	115B
15	Y	114A
13	AA	114B
3	R	104A
16	T	104B
2	P	103A
14	S	103B
7	B	102
5	D	106
8	F	109
22	J	125
18	L	141
21	N	140
6	E	107
20	H	108
4	C	105
25	NN	142
1	A	Shield
24	U	113A
11	W	113B

## X.21bis V.10/V.11 (RS-449) DTE Cable

The X.21bis V.10/V.11 (RS-449) DTE cable is used to connect a PCS port with a V.11 DTE interface to a user device. (See Table A-4.)

**Table A-4 X.21bis V.10/V.11 (RS449) DTE Cable**

<b>PCS Port 25-Pin Male</b>	<b>User Device 37-Pin Male</b>	<b>Signals</b>
1	1	Shield
7	37	102A
10	20	102B
2	4	103A
14	22	103B
3	6	104A
16	24	104B
4	7	105A
23	25	105B
5	9	106
10	27	102B
6	11	107
10	29	102B
20	12	108
7	30	102A
8	13	109A
9	31	109B
15	5	114A
13	23	114B
17	8	115A
12	26	115B
21	14	140
18	10	141
25	18	142

## X.21bis V.10/V.11 (RS-449) DCE Cable

The X.21bis V.10/V.11 (RS-449) DCE cable is used to connect a PCS port with a V.11 DCE interface to a user device. (See Table A-5.)

**Table A-5 X.21bis V.10/V.11 (RS449) DCE Cable**

<b>PCS Port 25-Pin Male</b>	<b>User Device 37-Pin Male</b>	<b>Signals</b>
1	1	Shield
10	37	102A
7	20	102B
2	4	103A
14	22	103B
3	6	104A
16	24	104B
4	7	105A
23	25	105B
5	9	106
7	27	102B
6	11	107
7	29	102B
20	12	108
10	30	102A
8	13	109A
9	31	109B
15	5	114A
13	23	114B
17	8	115A
12	26	115B
21	14	140
18	10	141
25	18	142

