

Appendix E Interfaces

ISDN INTERFACE

Figure E-1 and Table E-1 illustrate and describe the BitSURFR Pro ISDN interface.

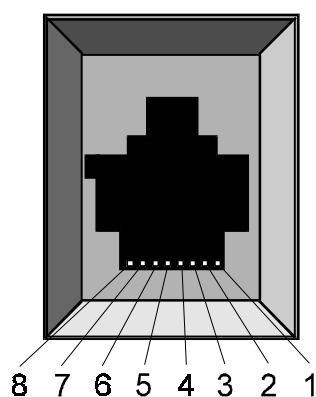


Figure E-1
U Interface RJ45 Pin Functions

Table E-1. U Interface RJ45 Pin Functions

Pin	Name	Function
1	Battery Status	No connection
2	Battery Status	No connection
3	---	No connection
4	Signal	U interface tip or ring
5	Signal	U interface tip or ring
6	---	No connection
7	Powering	No connection
8	Powering	No connection

DTE INTERFACE

Table E-2 describes the pin functions of the DTE interface on the BitSURFR Pro.



Note

In the following table, unused pins have no electrical connection.

Table E-2. EIA/232E/V.24 Pin Functions

DB-25 Pin	EIA-232E Pin	V.24 Pin	Function
1	AA	101	Protective Ground (FG)
2	BA	103	Transmitted Data to TA (TC)
3	BB	104	Received Data from TA (RD)
4	CA	105	Request to Send (RTS)
5	CB	106	Clear to Send (CTS)
6	CC	107	Data Set Ready (DSR)
7	AB	102	Signal Ground (SG or GND)
8	CF	109	Data Carrier Detect (CD or DCD)
15	DB	114	Transmit Clock (TC)
17	DD	115	Receive Clock (RC)
20	CD	108	Data Terminal Ready (DTR)
21	RL	---	Remote Loopback
22	CE	125	Ring Indicator (RI)
24	DA	113	External Transmit Clock
25	TM	142	(not used)

POTS PORT INTERFACE

Figure E-2 and Table E-3 illustrate and describe the BitSURFR Pro POTS Port interface.

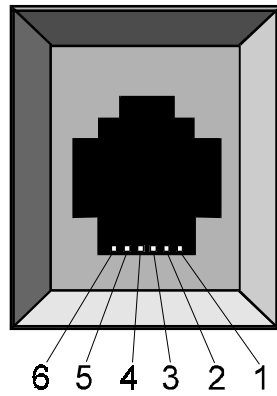


Figure E-2
POTS Port Interface RJ11 Pin Functions

Table E-3. POTS Port Interface RJ11 Pin Functions

Pin	Name	Function
1	---	Not used
2	---	Not used
3	R	Ring
4	T	Tip
5	---	Not used
6	---	Not used

