

Data signal information reference guide for RS-232, V.35, RS-530 and RS 449 cables

		SIG	SOURCE	SIGNAL	DEST.	SIGNAL DESCRIPTION	RS232		V.35		RS530		RS449	
		TYPE					PIN #		PIN #		PIN #		PIN #	
							DB25		M34		DB25		DB37	
101		GRND	<----	-	---->	PROTECTIVE/FRAME/SHIELD GRND	1	AA	A	FG	1	SHLD	1	SHLD
102		GRND	<----	-	---->	SIGNAL GROUND	7	AB	B	SG	7	AB	19	SG
102	a	GRND	<----	-	---->	SEND (DTE) COMMON GRND							37	SC
102	b	GRND	<----	-	---->	RECEIVE (DCE) COMMON GRND							20	RC
103	a	DATA	DTE	->	DCE	TRANSMIT DATA/SEND DATA	2	BA	P	SD	2	BA	4	SD
103	b	DATA	DTE	->	DCE	TRANSMIT DATA/SEND DATA			S	SD	14	BA	22	SD
104	a	DATA	DCE	->	DTE	RECEIVE DATA	3	BB	R	RD	3	BB	6	RD
104	b	DATA	DCE	->	DTE	RECEIVE DATA			T	RD	16	BB	24	RD
105	a	CTRL	DTE	->	DCE	REQUEST TO SEND	4	CA	C	RTS	4	CA	7	RS
105	b	CTRL	DTE	->	DCE	REQUEST TO SEND					19	CA	25	RS
106	a	CTRL	DCE	->	DTE	CLEAR TO SEND	5	CB	D	CTS	5	CB	9	CS
106	b	CTRL	DCE	->	DTE	CLEAR TO SEND					13	CB	27	CS
107	a	CTRL	DCE	->	DTE	DATA SET READY/ DATA MODE/DCE READY	6	CC	E	DSR	6	CC	11	DM
107	b	CTRL	DCE	->	DTE	DATA SET READY/ DATA MODE/DCE READY					22	CC	29	DM
108	a	CTRL	DTE	->	DCE	DATA TERMINAL READY/DTE READY	20	CD	H	DTR	20	CD	12	TR
108	b	CTRL	DTE	->	DCE	DATA TERMINAL READY/DTE READY					23	CD	30	TR
109	a	CTRL	DCE	->	DTE	RCVD LINE SIGNAL DETECT/RCVR READY/DCD	8	CF	F	RLSD	8	CF	13	RR
109	b	CTRL	DCE	->	DTE	RCVD LINE SIGNAL DETECT/RCVR READY/DCD					10	CF	31	RR
110		CTRL	DCE	->	DTE	SIGNAL QUALITY DETECTOR	21	CG					33	SQ
111		CTRL	DTE	->	DCE	DATA SIGNAL RATE DETECTOR (DTE)	23	CH					16	SR
112		CTRL	DCE	->	DTE	DATA SIGNAL RATE DETECTOR (DCE)	23	CI					2	SI
113	a	TIME	DTE	->	DCE	TRANSMIT SIGNAL ELEMENT TIMING-EXT (DTE)	24	DA	U	SCTE	24	DA	17	TT
113	b	TIME	DTE	->	DCE	TRANSMIT SIGNAL ELEMENT TIMING-EXT (DTE)			W	SCTE	11	DA	35	TT
114	a	TIME	DCE	->	DTE	TRANSMIT SIGNAL ELEMENT TIMING-INT (DCE)	15	DB	Y	SCT	15	DB	5	ST
114	b	TIME	DCE	->	DTE	TRANSMIT SIGNAL ELEMENT TIMING-INT (DCE)			AA	SCT	12	DB	23	ST
115	a	TIME	DCE	->	DTE	RECEIVER SIGNAL ELEMENT TIMING (DCE)	17	DD	V	SCR	17	DD	8	RT
115	b	TIME	DCE	->	DTE	RECEIVER SIGNAL ELEMENT TIMING (DCE)			X	SCR	9	DD	26	RT
116		CTRL	DTE	->	DCE	SELECT STANDBY							32	SS
117		CTRL	DCE	->	DTE	STANDBY INDICATOR							36	SB
118		DATA	DTE	->	DCE	SECONDARY TRANSMIT DATA	14	SBA						
119		DATA	DCE	->	DTE	SECONDARY RECEIVE DATA	16	SBB						
120		CTRL	DTE	->	DCE	SECONDARY REQUEST TO SEND	19	SCA						
121		CTRL	DCE	->	DTE	SECONDARY CLEAR TO SEND	13	SCB						
122		CTRL	DCE	->	DTE	SECONDARY RECEIVED LINE SIGNAL DETECT	12	SCF						
125		CTRL	DCE	->	DTE	RING INDICATOR	22	CE					15	IC
126		CTRL	DCE	->	DTE	SELECT TRANSMIT FREQUENCY							16	SF
140		CTRL	DTE	->	DCE	REMOTE LOOPBACK	21		BB		21	RL	14	RL
141		CTRL	DTE	->	DCE	LOCAL LOOPBACK	18		J		18	LL	10	LL
142		CTRL	DCE	->	DTE	TEST INDICATOR	25		K	LT	25	TM	18	TM