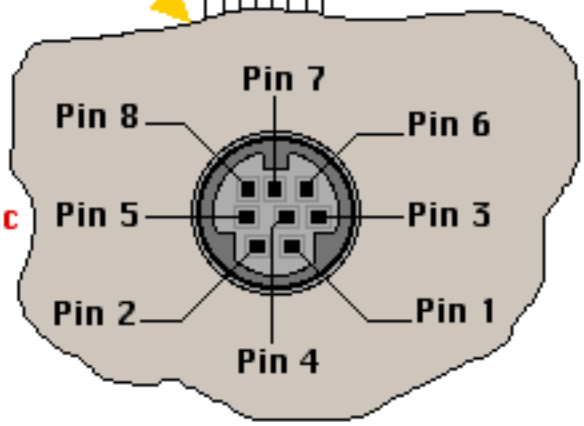
Macintosh Computer Serial Port

(2) Standard Macintosh Serial Ports

Macintosh Computer

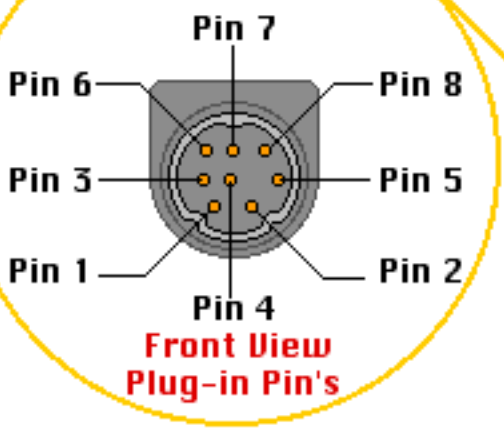
Mac Serial Port	
Pin	Signal
Pin 1	HSko
Pin 2	HSKi/Clock
Pin 3	TxD-
Pin 4	SG
Pin 5	RxD-
Pin 6	TxD+
Pin 7	GPi
Pin 8	RxD+

Found on the back of the Mac



Mini DIN-8 Female Connectors
(Modem and Printer Port)

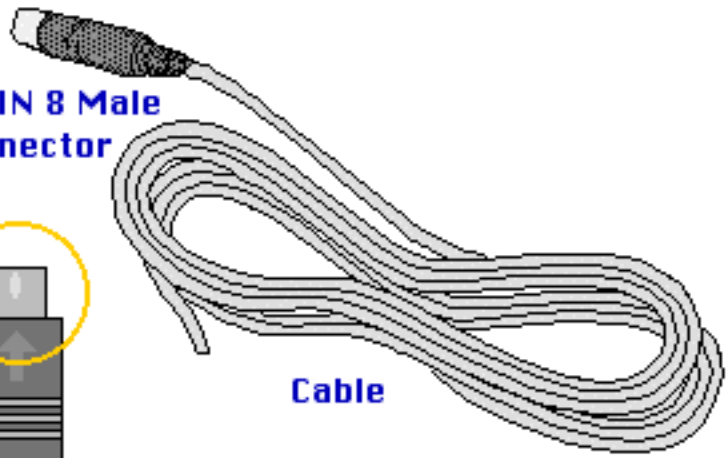
Mini- DIN 8
Male Connector



Front View
Plug-in Pin's

Mini- DIN 8 Male Connector

Top View



Cable

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Macintosh Computer Serial Port Reference

Standard Macintosh Serial Port		RS-422 Port	
Pin	**Name/ Signal**	**Function**	**Direction**
Shield	Gnd	Frame ground	
1	HSKo	Output handshake	OUT
2	HSKi/Clock	Input handshake or external clock	IN
3	TxD-	Transmit Data (minus)	OUT
4	SG	Signal ground (Common, GND)	-
5	RxD-	Receive data (minus)	IN
6	TxD+	Transmit data (plus)	OUT
7	GPi	General purpose input	IN
8	RxD+	Receive data (plus)	IN

Standard Macintosh Serial Port		RS-422 Port	
Function	**Name/ Signal**	**Pin**	**DTE**
DATA	TxD-	3	0
	TxD+	6	0
	RxD-	5	I
	RxD+	8	I
HANDSHAKE	HSKo	1	0
	HSki	2	I
	GPi	7	I
COMMON	SG / Comm	4	-

The two Macintosh serial ports are internally wired as RS-422, but can be made to operate as RS-323 by using a configured cable or adapter. To connect RS-232 peripheral devices to the Serial RS-422 port found on Macintosh computers use the following guide.

RS-422 (Mac)	To	RS-232 (device)
RxD-	=	RxD
TxD-	=	TxD
Ground	=	RxD+
TxD+	=	No Connection
GPi	=	CD

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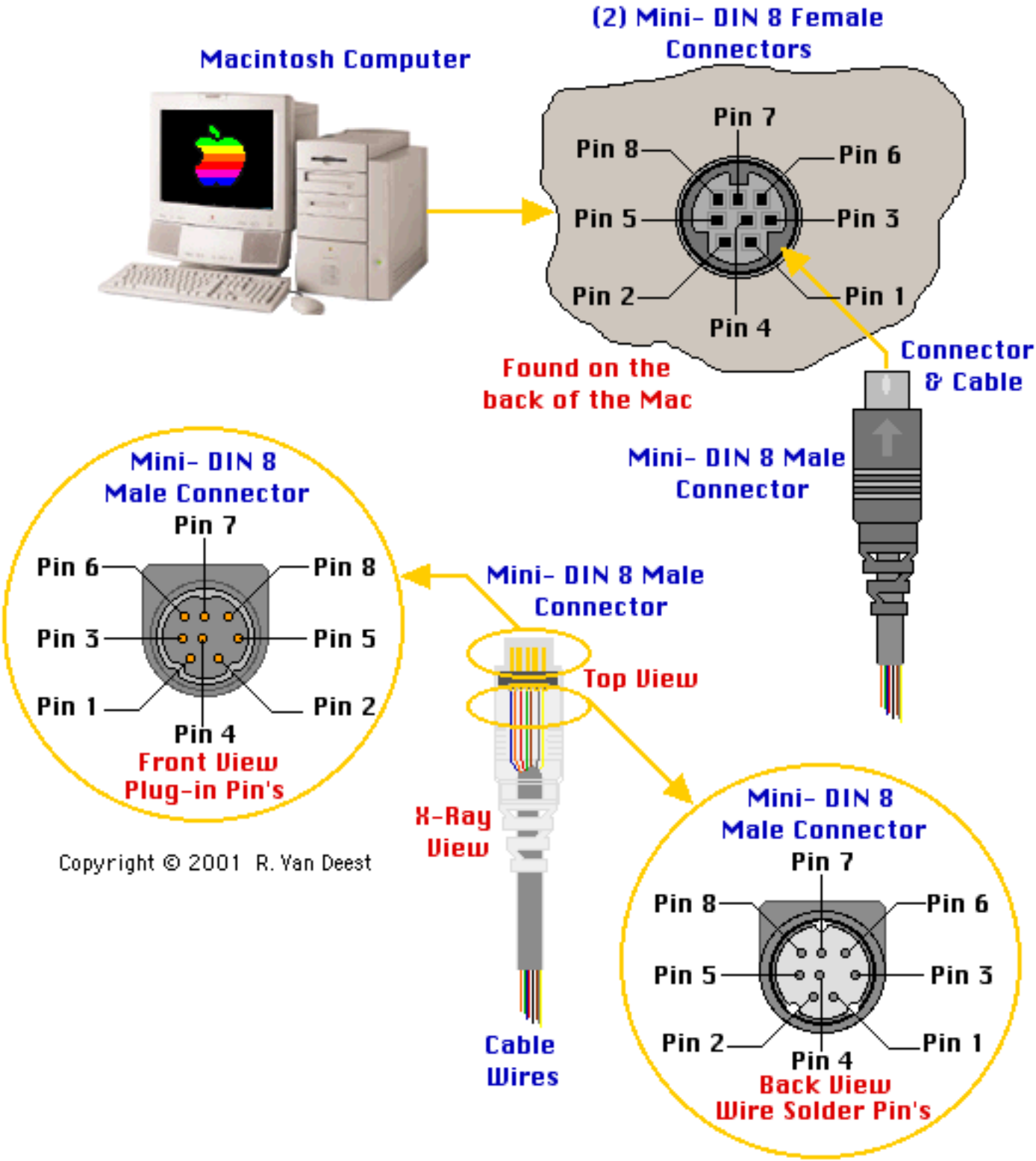
Macintosh Computer
Mini DIN - 8 Connector Reference



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