



Item	Description
A	MULTICOMP - 5501-09SA-02-F1, SOCKET, D, SOLDER, 9WAY (Farnell 1084678)
B	MH CONNECTORS DPPK9-BLACK-K, D-Sub Shell.Plastic 9 Way (Farnell 469-889)
C	MOLEX 9733272, Crimp (tin plated)
D	MOLEX 90142-0016, (2x8way 2.54mm pitch with key)
E	Use 3 or 4 core AWM Style 2464 24AWG Cable, as available (Cut away any unused wires).
F	Red Cable rated to UL1007
G	Black Cable rated to UL1007
H	DELTRON 553-0500-01, Stackable Red 4mm banana plug (Optional).
I	DELTRON 553-0100-01, Stackable Black 4mm banana plug (Optional).

**Connectivity by conductor**

CON1 Pin	CON2 Pin	CON3 Pin	CON4 Pin	Gauge (AWG)	Colour	Comments
2	6	-	-	24	Brown	RX(DTE-DCE)
5	16	-	-	24	Black	GND
3	7	-	-	24	Orange	TX(DTE-DCE)
-	16	1	-	22	Black	GND
-	15	-	1	22	Red	12V

**Note:**  
 All other pins are unloaded.  
 CON2.16 loaded with two wires in one crimp.

**Comments**  
 CON1 Connects with Host  
 CON2 Connects to Validator  
 T1 Connects to 12V Power Supply  
 T2 Connects to 0V(GND) of Power Supply

All parts must be rated to at least UL94-VW1 All connector housings must be rated to UL94-V0				2009 © Copyright of Innovative Technology Ltd		TITLE <b>RS232 to Validator Cable Assembly</b>		MATERIAL -		FINISH -	
INNOVATIVE TECHNOLOGY LIMITED DERKER ST. OLDHAM ENGLAND, O11 4EQ UNITED KINGDOM TEL: +44(0)161 626 9999 FAX: +44(0)161 620 2090				NOT TO SCALE All dimensions in mm ±5mm		DRAWN BY P.Newton		DATE 04/03/2010		CHECKED BY -	
1		04/03/2010		P.Newton		DATE -		TOOL NO. -		-	