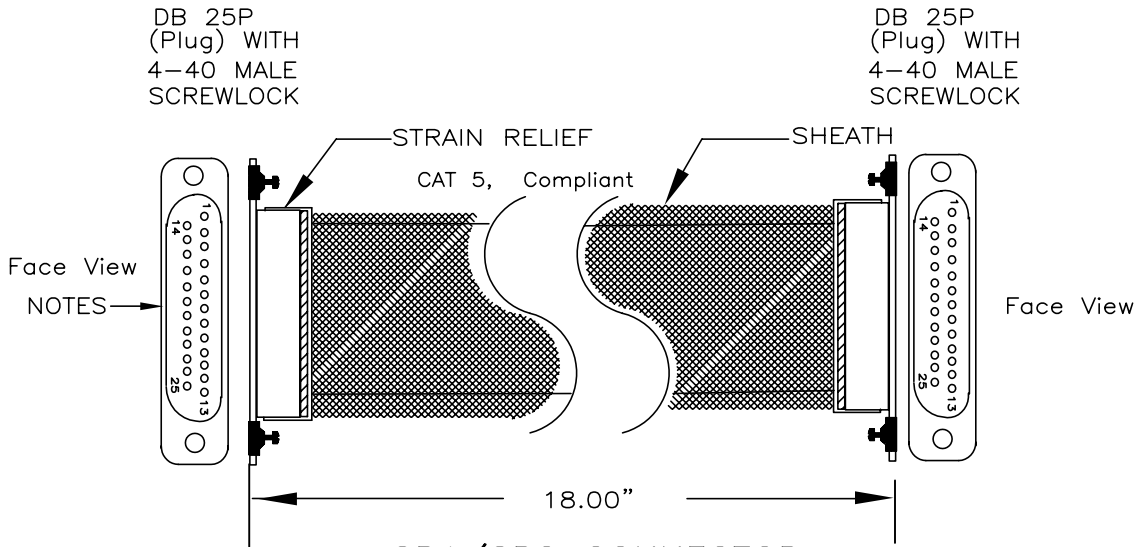
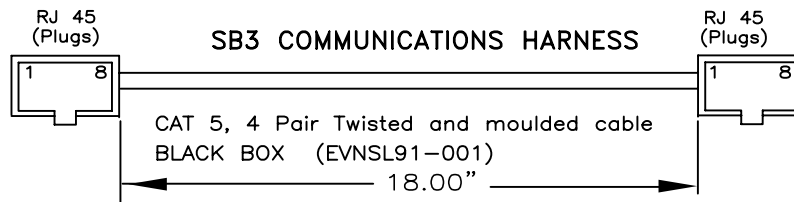


SB1/SB2 COMMUNICATIONS HARNESS



SB1/SB2 CONNECTOR

Pin	AT THE CONTROLLER	AT THE SIU	Pin	AT THE CONTROLLER	AT THE SIU
1	SB1 TXD+	SB1 RXD+	14	SB1 TXD-	SB1 RXD-
2	SB1 RXD+	SB1 TXD+	15	SB1 RXD-	SB1 TXD-
3	SB1 TXC+	SB1 RXC+	16	SB1 TXC-	SB1 RXC-
4	SB1 RXC+	SB1 TXC+	17	SB1 RXC-	SB1 TXC-
5	SB2 TXD+	SB2 RXD +	18	SB2 TXD-	SB2 RXD-
6	SB2 RXD+	SB2 TXD +	19	SB2 RXD-	SB2 TXD-
7	SB2 TXC+	SB2 RXC+	20	SB2 TXC-	SB2 RXC-
8	SB2 RXC+	SB2 TXC+	21	SB2 RXC-	SB2 TXC-
9	LINE SYNC+	LINE SYNC+	22	LINE SYNC-	LINE SYNC-
10	NRESET+	NRESET+	23	NRESET-	NRESET-
11	PWR DWN+		24	PWR DWN-	
12	+5VDC ISO		25	EQ GND	
13	ISO_GND				



SB3 CONNECTOR

Pin #	PAIR COLOR	AT THE PDA	AT THE OUTPUT ASSEMBLY
1	WHITE ORANGE	SB3 TXC+	SB3 RXC+
2	ORANGE	SB3 TXC-	SB3 RXC-
3	WHITE GREEN	AC- RAW	AC-RAW
4	BLUE	SB3 TXD+	SB3 RXD+
5	WHITE BLUE	SB3 TXD-	SB3 RXD-
6	GREEN	AC-RAW	AC-RAW
7	WHITE BROWN	SB3 RXD+	SB3 TXD+
8	BROWN	SB3 RXD-	SB3 TXD-

NOTES:

1. SB1/SB2 cable for Housing 3 shall be a minimum of 3.5' and cable shall use a cover with Jackscrews on both sides.
2. The 18" cable shall use a cover with Jackscrews on both sides.
3. 4-40 Screwlock (kit) shall be equivalent to NorComp 160-000-001-041 where 041 is yellow chromate and 051 is nickel.



TITLE:	
SERIAL BUS HARNESSES	
Rev Date 09-18-03	6-5-39
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