



CG0-2454-04-AC-1

Cable B: Connector information: J 1: KPT2E20-41PYDV, CPN: 371-8625-440 P1A: DD 50P C37, CPN 371-0118-000; Hood: CPN 371-0187-000 P1B: M243083-3, CPN 371-0170-000 Hood: CPN 371-0815-000				Cable A: Connector information: P1: MS3126E 20-41SY, CPN 359-0305-590, or MS3116E 20,41SY, CPN 371-6110-000 P2A: DD 50P C37, CPN 371-0118-000; Hood: CPN 371-0187-000 P2B: M243083-3, CPN 371-0170-000 Hood: CPN 371-0815-000			
Signal name / description	From J 1	To P1-A	To P1-B	From P2-A	From P2-B	To P1	Wire size/type (both cables)
Data bus 1A (from XPDR)	V		1		1	V	Shielded, twisted pair
Data bus 1B (from XPDR)	U		14		14	U	Shielded, twisted pair
Shield for U/V	T		25		25	T	Shield
Data bus 2A (from XPDR)	<u>a</u>		2		2	<u>a</u>	Shielded, twisted pair
Data bus 2B (from XPDR)	Z		15		15	Z	Shielded, twisted pair
Shield for <u>a</u> /Z	Y		12		12	Y	Shield
Data bus 1A (to XPDR)	S		3		3	S	Shielded, twisted pair
Data bus 1B (to XPDR)	R		16		16	R	Shielded, twisted pair
Shield for S/R	P		24		24	P	Shield
Data bus 2A (to XPDR)	N		4		4	N	Shielded, twisted pair
Data bus 2B (to XPDR)	M		17		17	M	Shielded, twisted pair
Shield for N/M	L		11		11	L	Shield
28 V dc pwr no. 1 (+)	<u>t</u>	1		1		<u>t</u>	22 AWG
28 V dc pwr no. 2 (+)	G	3		3		G	22 AWG
Dc pwr gnd	<u>s</u>	50		50		<u>s</u>	22 AWG
Dc pwr gnd	<u>s</u>	17		17		<u>s</u>	22 AWG
Chassis gnd	D	33		33		D	22 AWG
5 V lighting, hi	A	7		7		A	26 AWG
28 V lighting, hi	<u>r</u>	40		40		<u>r</u>	26 AWG
Lighting common	<u>q</u>	39		39		<u>q</u>	26 AWG

CTL-92/ 92A Control, Flightline Test Cables, Assembly Diagram and Wire List
Figure 5-19 (sheet 1 of 2)

CTL-92/92A Cable B (cont'd)				CTL-92/92A Cable A (cont'd)			
Signal name / description	From J 1	To P1-A	To P1-B	From P2-A	From P2-B	To P1	Wire size/type
Dimming bus	<u>n</u>	6		6		<u>n</u>	26 AWG
Self-test discrete, input/output	E	38		38		E	26 AWG
Ident discrete input	<u>b</u>	5		5		<u>b</u>	26 AWG
Remote tuning select, discrete input	K	21		21		K	26 AWG
No. 1 XPDR in stby, discrete output	W	42		42		W	26 AWG
No. 2 XPDR in stby, discrete output	X	10		10		X	26 AWG
28 V dc, sw output, no. 1	<u>k</u>	28		28		<u>k</u>	26 AWG
28 V dc, sw output, no. 2	<u>i</u>	43		43		<u>i</u>	26 AWG
Dual select (CTL -002 only)	<u>m</u>	8		8		<u>m</u>	26 AWG
No. 1 XPDR off, discrete output	B	11		11		B	26 AWG
No. 2 XPDR off, discrete output	C	27		27		C	26 AWG
Alt code A1	<u>c</u>	29		29		<u>c</u>	26 AWG
Alt code A2	<u>e</u>	30		30		<u>e</u>	26 AWG
Alt code A4	<u>d</u>	45		45		<u>d</u>	26 AWG
Alt code B1	<u>i</u>	46		46		<u>i</u>	26 AWG
Alt code B2	<u>h</u>	14		14		<u>h</u>	26 AWG
Alt code B4	<u>f</u>	15		15		<u>f</u>	26 AWG
Alt code C1	J	31		31		H	26 AWG
Alt code C2	H	32		32		H	26 AWG
Alt code C4	F	47		47		F	26 AWG
Alt code D4	<u>p</u>	4		4		<u>p</u>	26 AWG
Alt code common	<u>g</u>	37		37		<u>g</u>	26 AWG

CTL-92/92A Control, Flightline Test Cables, Assembly Diagram and Wire List
Figure 5-19 (sheet 2)