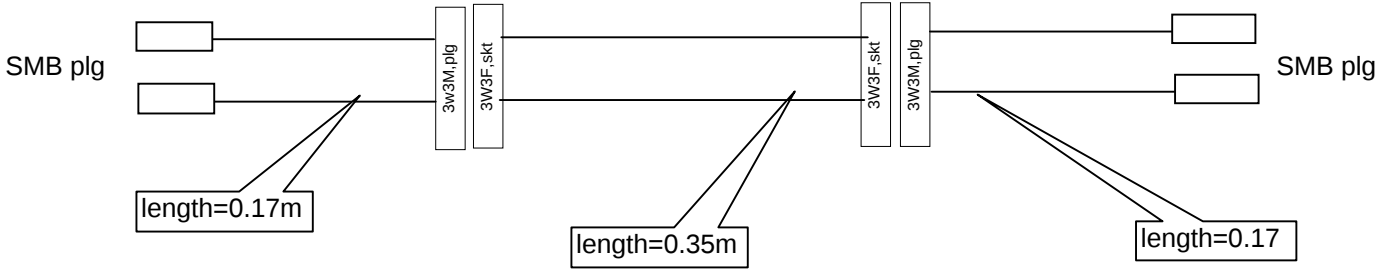
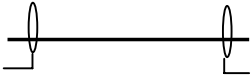


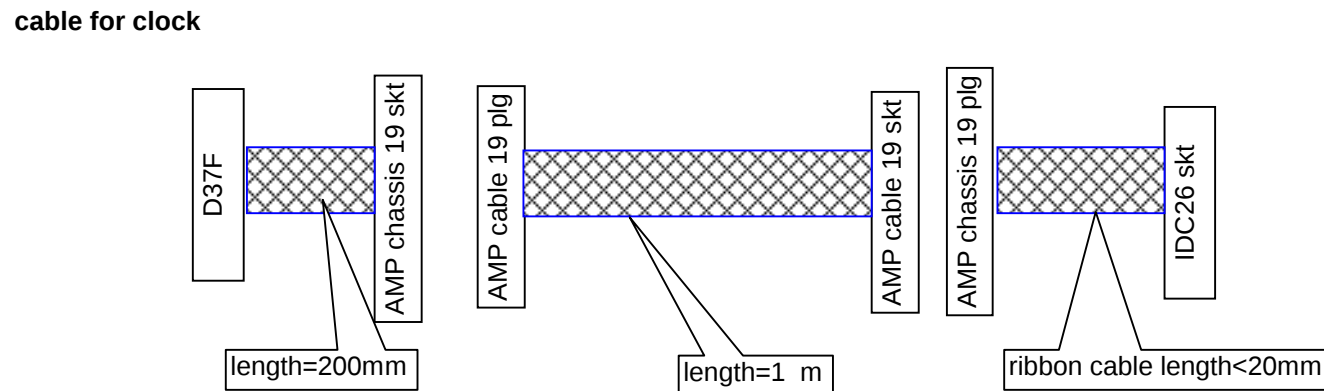
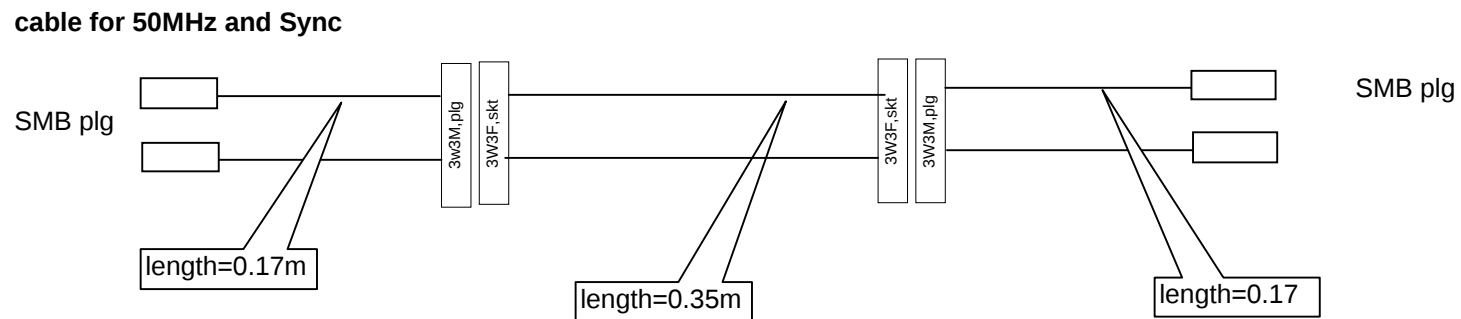
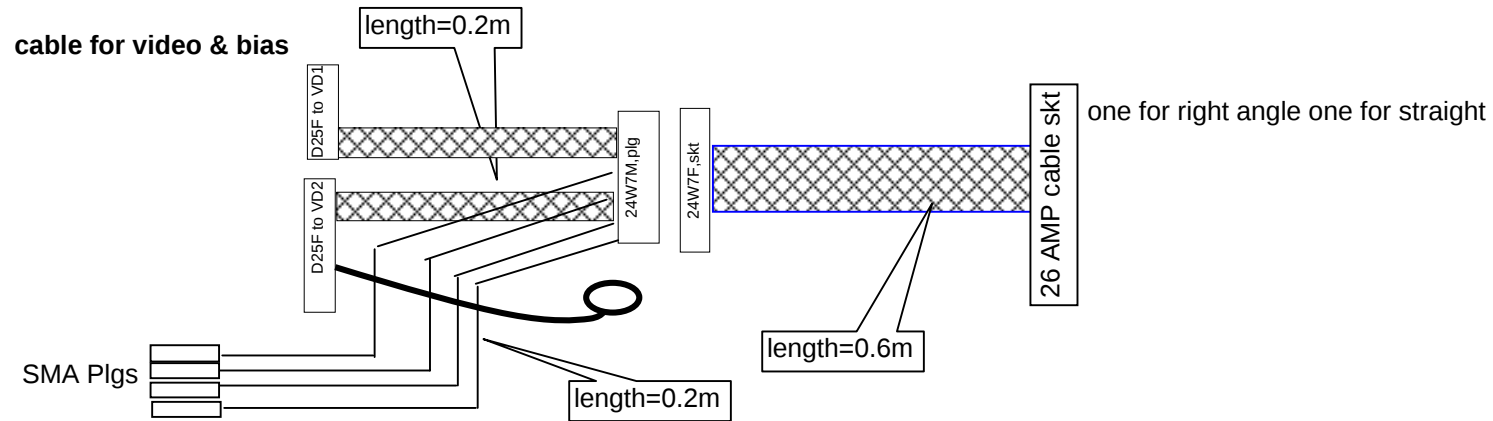
new set cable for 50MHz and Sync											
			Pins of 3W3 Plg/Skt				Pins of 3W3 Plg/Skt				
SMB Skt on Timing boards			A1				A1			SMB Skt on Timing boards	
			out-ring				out-ring				
SMB Skt on Timing boards			A3				A3			SMB Skt on Timing boards	
			out-ring				out-ring				

NOTE:
coax cable RG174, RS 388-259



this is for new set of cable layout

Brain:
Please make two sets of cable for NAOMI, see following drawing
Thanks.
Gao 5/5/00



NAOMI

pin function for the Peltier cooler package CCD39A back illuminated

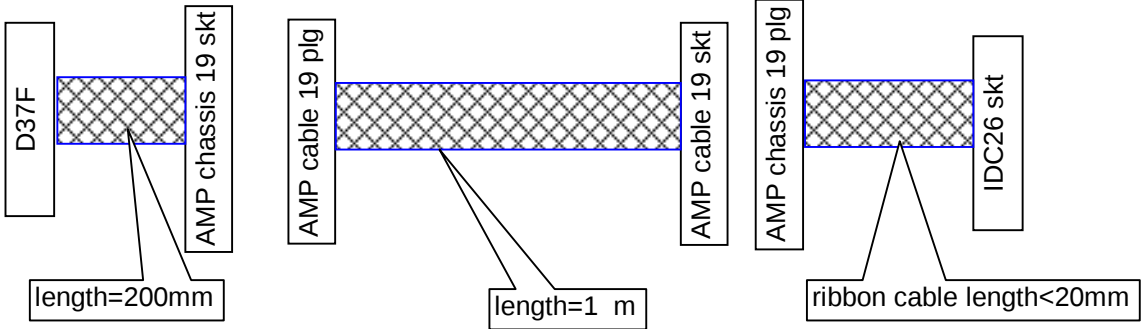
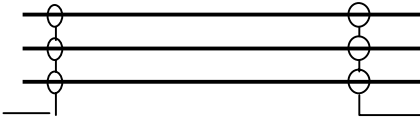
pin function for the P-entier cooler package CCB50A back illuminated									
default setting for bias									default setting for clock high / low
	nc	1					36	nc	
	nc	2					35	TS2	
	nc	3					34	TS2	
	os4	4	1	CCD	24		33	SS	
	ss	5	2		23		32	RR	4.09 / -8.27 v
	os3	6	3		22		31	I1	5.92/ -8.29 v
20.01v	ODR	7	4		21		30	I2	2.892/-8.27 v
7.99v	RDR	8	5		20		29	I3	2.88 / -8.27 v
-4.93v	OGR	9	6		19		28	R2	4.10 / -8.27 v
-4.93v	OGL	10	7		18		27	R3	4.10 / -8.27 v
7.99v	RDL	11	8		17		26	R1	4.096 /-8.27 v
20.01v	ODL	12	9		16		25	S3	2.889 /-8.27 v
	os2	13	10		15		24	S2	2.889 / -8.26 v
	ss	14	11		14		23	S1	5.93 / -8.26 v
	os1	15	12		13		22	RL	4.10/ -8.26 v
	TS1	16					21	nc	
	TS1	17					20	nc	
	nc	18					19	nc	

this is cable FOR CLOCK

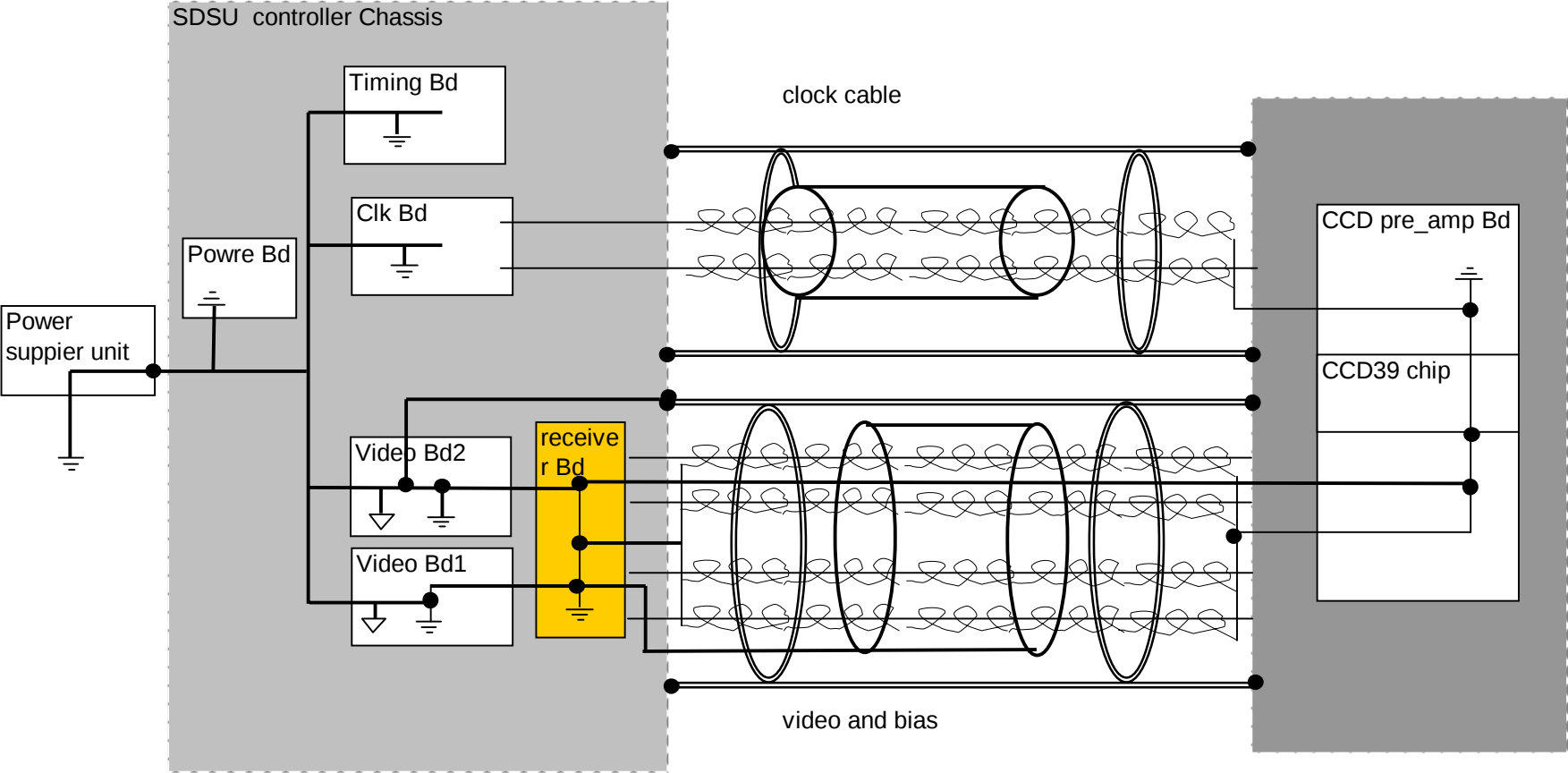
signal	D37F to D37M on Clk Bd inside SDSU controller	19 Pin AMP chassis socket/cable plug			19 Pin AMP chassis PLUG/cable SOCKET	IDC26 pin to J9 on Clk inside header
I1	6	M			M	21
I2	7	L			L	19
I3	8	K			K	17
GND	27, leave wire unconnected	N			N	22,20,18
R2	4	J			J	15
R3	5	H			H	13
R1	3	G			G	11
GND	23, leave wire unconnected	T			T	16,14,12
S3	11	F			F	9
S2	10	E			E	7
S1	9	D			D	5
GND	30, leave wire unconnected	S			S	10,8
RR	1	A			A	23
RL	2	C			C	3
GND	31, leave wire unconnected	P			P	24
GND	32, leave wire unconnected	B		wire 22G	B	2,4,6
AMP metal shell					AMP metal shell	

NOTE

single wire with screen,RS229-1494

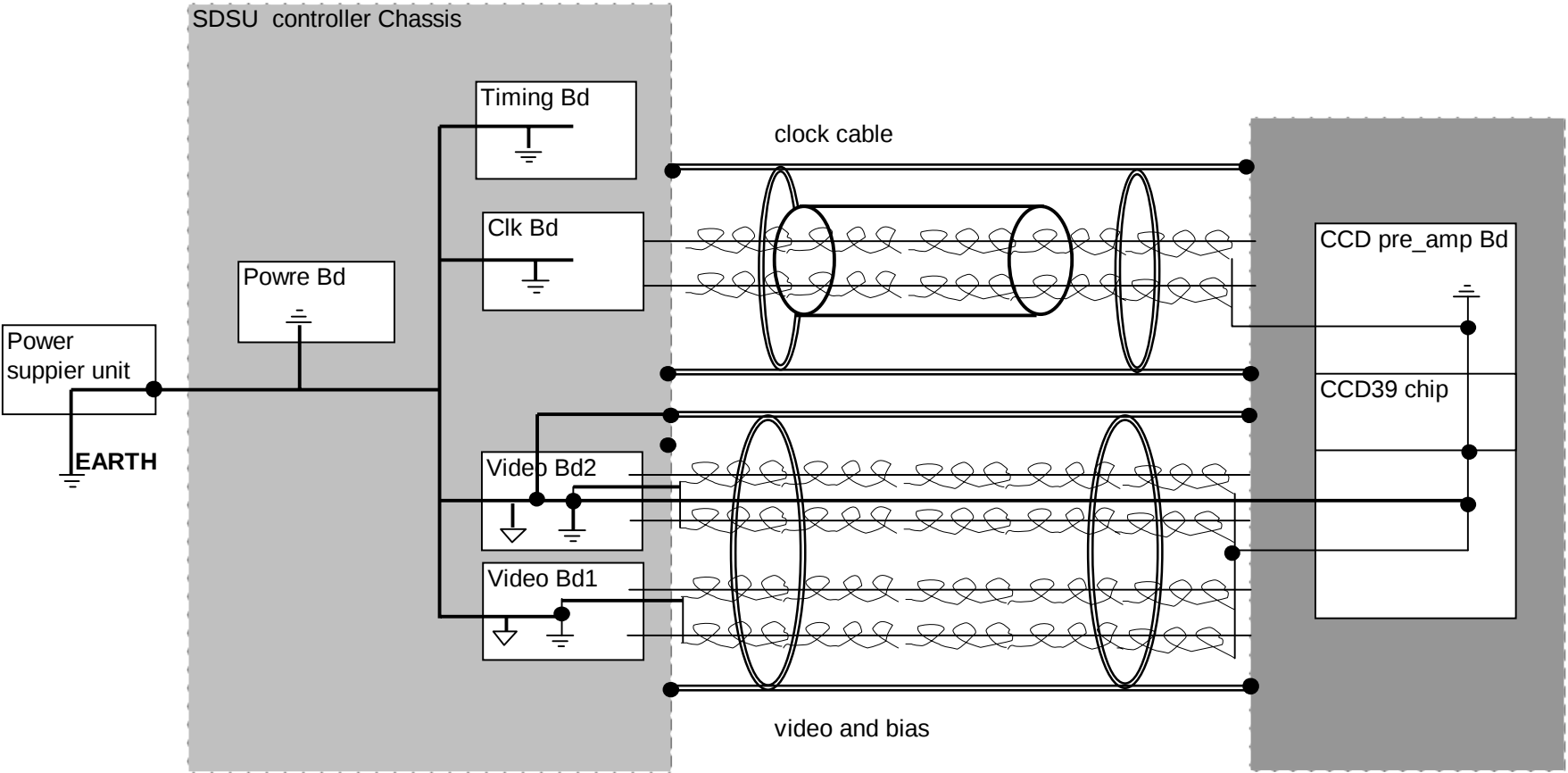


Grounding Layout for NAOMI CCD controller



this is for OLD set cable

Grounding Layout for NAOMI CCD controller



this is for NEW set cable

99

this is old set cable for VIDEO AND BIAS

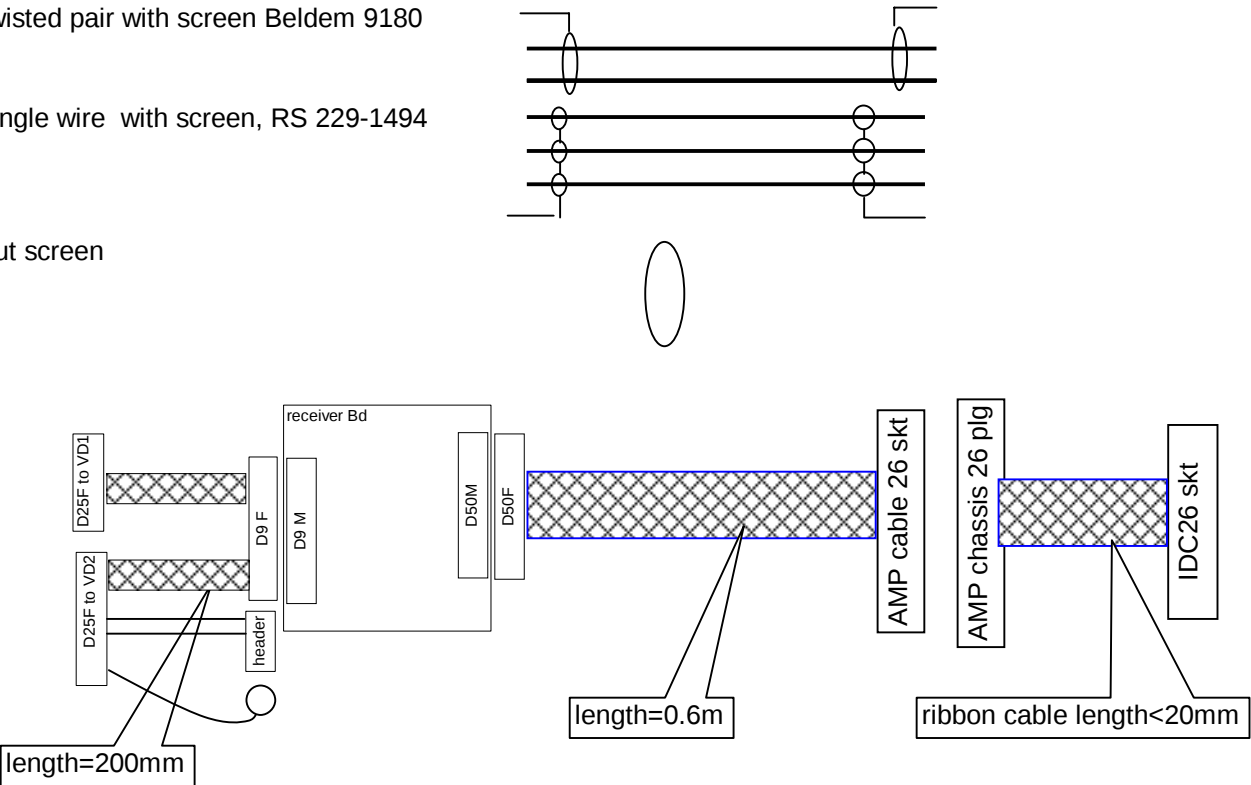
signal	D25F to D25M on VIDEO	header on receiver D25F to D25M on receiver	bd	IDC50 pin on receiver	D50F Pin to receiver D50M			26 Pin AMP chassis PLUG/cable SOCKET	IDC26 pin to J8
OUTD1					3			K	1
OUTD2					19			L	2
GND				leave wire unconnected	2			M	3,4
OUTC1					21			N	5
OUTC2					4			P	6
GND				leave wire unconnected	37			R	7
ODR	1 (Bd1)		4	37	22			Z	9
RDR	2 (Bd1)		7	36	6			c	10
OGR	9 (Bd1)		3	35	23			X	11
GND				leave wire unconnected	38			Y	8
OGL	9 (Bd2)		1	33	24			b	12
RDL	2 (Bd2)		6	34	7			S	13
ODL	1 (Bd2)		2	31	8			A	14
GND				leave wire unconnected	39			a	19
15V-	15(Bd2)	1			1			V	15
15V+	14(Bd2)	3			18			W	17
GND				leave wire unconnected	27			B	20
OUTB1					9			C	21
OUTB2					25			D	22
GND	24(bd2) fly lead			leave wire unconnected	43			E	23
OUTA1					10			F	25
OUTA2					26			G	26
GND	13(Bd2)		5	40	44			H	24
GND	25(bd2)		9	42	27	22G wire		J	23,24
50way metal shell								AMP metal shell	

NOTE:

twisted pair with screen Beldem 9180

single wire with screen, RS 229-1494

out screen



Bd1,Bd2 referes Video board1 nad board2