Designator	Termination A Connector (Cable)	Location Termination A	Chassis U# Connector	Signal	Location Termination B	Termination B Connector	Chassis U# Connector	Cable connector	Cable length	Notes:
ETMX-85	DB15F	L1-SUS-XR1	U34; ESD Drive from DAC	DAC signals	L1:SUS-XC1	DB15M	26; Out 1-6	DB15	long cable	
ETMX-90	DB15M	L1-SUS-XR1	42; Monitor Outputs	HV analog monitor	L1:SUS-XC1	DB15F	25; In 1-6	DB15	long cable	
ETMX-91	DB25M (Install D1100819 here)	L1-SUS-XR1	42; Monitor Outputs	HV Binary monitor	L1:SUS-XC1	DB25M to 2x DB9F	16; ch 48-55 16; ch 56-63	DB25M to 2x DB9F	long cable	
L1:SUS_ESD-01	DB9F	L1-SUS-XR1	U34; Binary Input 1	BI	L1:SUS-XC1	DB9M	17;ch 32-39	DB9	long cable	
L1:SUS_ESD-02	DB9F	L1-SUS-XR1	U34; Binary Input 2	BI	L1:SUS-XC1	DB9M	17; ch 40-47	DB9	long cable	
L1:SUS_ESD-03	DB9M	L1-SUS-XR1	U34; Binary Mon 1	BO	L1:SUS-XC1	DB9F	16; ch 32-39	DB9	long cable	
L1:SUS_ESD-04	DB9M	L1-SUS-XR1	U34; Binary Mon 2	BO	L1:SUS-XC1	DB9F	16; ch40-47	DB9	long cable	
L1:SUS_ESD-05	DB15F	L1-SUS-XR1	U34; PI Corection from DAC	PI signals	L1:SUS-XC1	DB9M (must be re-terminated from DB15)	26; out 13-16	DB9	long cable	pinout: DB15: 1,9; 2,10 => DB9: 1,6; 2,7
L1:SUS_ESD-06	DB9M	L1-SUS-XR1	U34; Quadrant Drive mon outputs to ADC	LV analog monitor	L1:SUS-XC1	DB9F	25; In 13-16	DB9	long cable	
L1:SUS_ESD-07	DB15	L1-SUS-XR1	U34; Quadrant esd Drive to ESD Amp	DAC signals LV-HV	L1-SUS-XR1	DB15	U42; Preamp	DB15	short cables	
L1:SUS_ESD-08	DB9	L1-SUS-XR1	U34; Remote Reset Out	Reset LV-HV	L1-SUS-XR1	DB9	U42; Remote Rese	DB9	short cables	
L1:SUS_ESD-09	SHV RG-59-8	L1-SUS-XR1			L1-SUS-XR1	SHV RG-59-8		SHV RG-59-8	1 foot	
L1:SUS_ESD-10	SHV RG-59-8	L1-SUS-XR1			L1-SUS-XR1	SHV RG-59-8		SHV RG-59-8	1 foot	
L1:SUS_ESD-11	SHV RG-59-8	L1-SUS-XR1			L1-SUS-XR1	SHV RG-59-8		SHV RG-59-8	1 foot	
L1:SUS_ESD-12	SHV RG-59-8	L1-SUS-XR1			L1-SUS-XR1	SHV RG-59-8		SHV RG-59-8	1 foot	
L1:SUS_ESD-13	SHV RG-59-8	L1-SUS-XR1			L1-SUS-XR1	SHV RG-59-8		SHV RG-59-8	1 foot	