



MATERIAL RoHS COMPLIANT:

1. CABLE:  
**CONDUCTOR: 28 AWG SOLID SILVER PLATED COPPER.**  
**INSULATION: FOAM POLYOLEFIN.**  
 PAIR: 2 SINGLES LAID FLAT AND PARALLEL.  
**CORE: 2 PAIRS**  
**PAIR DRAIN: 30 AWG SOLID SILVER PLATED COPPER.**  
 PAIR SHIELD: ALUMINUM/POLYESTER TAPE, ALUMINUM SIDE FACING IN.  
**2 PAIRS: NUMBERED #1, #2.**  
 INNER SHIELD: ALUMINUM/POLYESTER TAPE, ALUMINUM SIDE FACING OUT, 25% OVERLAP.  
 OUTER SHIELD: 38 AWG TIN PLATED COPPER BRAID, 85% COVERAGE.  
**JACKET: XPBT, COLOR - BLACK.**  
**DIAMETER: 4.699 MM**  
 DIFFERENTIAL IMPEDANCE: 100 ± 5 OHM @TDR.  
 PRINTED LEGEND: "MADISON CABLE TYPE CL2 75°C 28 AWG (UL) TurboTwin™ RoHS COMPLIANT"  
 APPROVAL: UL TYPE CL2 AS SPECIFIED IN ARTICLE 725 OF THE NATIONAL ELECTRICAL CODE.

2. CONNECTOR:  
 P0~P4: SAS 4X CABLE PLUG WITH THUMBSCREWS.  
 (1) HOUSING- ZINC DIE CAST  
 (2) CONTACTS- 30u" INCHES GOLD PLATING

<b>DataStorageCables.com</b>		<b>DESC.</b> SAS4X PLUG TO SAS4X PLUG*4 CABLE ASSEMBLY	<b>APPROVED</b>	<b>CHECKED</b>	<b>DESIGNED</b>	<b>TOLERANCE</b>	<b>SCALE</b>	*	<b>UNIT</b> mm	
		<b>P/N</b> C5252X4-1MT <b>CUSTOMER P/N</b>			Sino		<b>DATE</b> 07/23/10	<b>DWG NO:</b> DWG\B\3271		

1	2	3	4	5	6	7	8	9
REV.	REMARK	DATE	SIGN.					

SAS4x PLUG(P0)			SAS4x PLUG(P1~P4)	
PIN	SIGNAL		PIN	SIGNAL
S1	RX0+	P4	S16	TX0+
S2	RX0-		S15	TX0-
S15	TX0-		S2	RX0-
S16	TX0+		S1	RX0+
G1-G9	SIGNAL GROUND		G1-G9	SIGNAL GROUND
HOUSING	CHASSIS GROUND		HOUSING	CHASSIS GROUND
S3	RX1+	P3	S16	TX0+
S4	RX1-		S15	TX0-
S13	TX1-		S2	RX0-
S14	TX1+		S1	RX0+
G1-G9	SIGNAL GROUND		G1-G9	SIGNAL GROUND
HOUSING	CHASSIS GROUND		HOUSING	CHASSIS GROUND
S5	RX2+	P2	S16	TX0+
S6	RX2-		S15	TX0-
S11	TX2-		S2	RX0-
S12	TX2+		S1	RX0+
G1-G9	SIGNAL GROUND		G1-G9	SIGNAL GROUND
HOUSING	CHASSIS GROUND		HOUSING	CHASSIS GROUND
S7	RX3+	P1	S16	TX0+
S8	RX3-		S15	TX0-
S9	TX3-		S2	RX0-
S10	TX3+		S1	RX0+
G1-G9	SIGNAL GROUND		G1-G9	SIGNAL GROUND
HOUSING	CHASSIS GROUND		HOUSING	CHASSIS GROUND

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	P/N	C5252X4-1MT	CUSTOMER P/N				Sino		DATE	07/23/10	DWG NO:	DWG\B\3271	

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