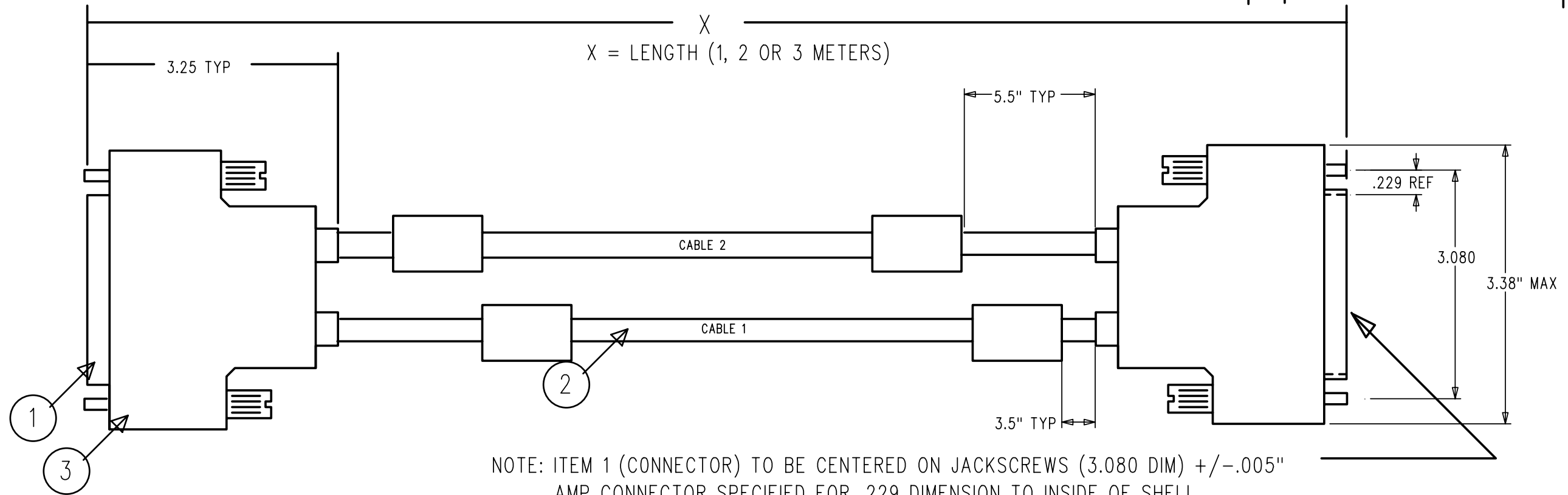


ECO RECORD			
REV.	DESCRIPTION	DATE	APPR
2	ADDED NOTE RE CONNECTOR POS	12/11/02	AJK
3	CHG CABLE 2 S/A CABLE 1	02/12/02	AJK
4	ADDED FERRITE DIM, JACKSCREW MATL/LOCATION	05/21/02	AJK



NOTE: ITEM 1 (CONNECTOR) TO BE CENTERED ON JACKSCREWS (3.080 DIM)  $\pm .005$ "  
 AMP CONNECTOR SPECIFIED FOR .229 DIMENSION TO INSIDE OF SHELL  
 EQUIVALENT CONNECTORS MAY REQUIRE DIFFERENT DIMENSIONING IN ORDER  
 TO CENTER THE CONNECTOR BETWEEN THE JACKSCREWS.

**CABLE SPECIFICATIONS**

- 28 AWG - STRANDED 7/36 - FULL COLOR CODE
- 16 INDIVIDUALLY SHIELDED TWISTED PAIR W/DRAIN WIRES
- 4 - INDIVIDUALLY SHIELDED SINGLE CONDUCTORS WITH DRAIN WIRES
- 10 - TWISTED PAIR
- 1 - 24 AWG SINGLE CONDUCTOR
- DRAIN WIRES GROUPED PER WIRELIST AND CONNECTED W/SINGLE WIRE TO PIN
- OUTER SHIELD - TIN COPPER BRAID, 85% COVERAGE
- FLEXIBLE PVC JACKET - GRAY COLOR
- 300V @ 75 C RATED
- CSA - AWM II A/B FT1
- UL - TYPE CL2

**MISCELLANEOUS SPECIFICATIONS:**

- CONNECTORS TO BE OVERMOLDED (GRAY COLOR)
- JACKSCREWS TO BE 2-56 THD W/METAL OR HARD PLASTIC SLOTTED CAPS
- FERRITES - TYPE 43 MATERIAL, 200-250 OHMS @ 100 MHZ, BOTH CABLES, BOTH ENDS
- CONNECTOR EQUIVALENTS ACCEPTABLE
- CABLE TO BE MARKED W/MCC PART NUMBER
- SEE SHEET 2 FOR WIRELIST

				4
2	BACKSHELL W/JACKSCREWS	SEE NOTES		3
X	CABLE, MULTI-CONDUCTOR	SEE NOTES		2
2	CONNECTOR, PLUG,100 POS	749111-8	TYCO/AMP	1
QTY	DESCRIPTION	PART NUMBER	MFR	ITEM

**Measurement Computing Corporation**  
 MIDDLEBORO, MA 02346

6000 Series Cable Assembly

TOLERANCES: .XX = +/- .01 .XXX = +/- .005 DIMENSIONS IN INCHES	SIZE <b>B</b>	DRAWING NUMBER C100MMS-X	REV <b>4</b>
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**CABLE C100MMS-X WIRELIST (Rev. 5) 11/05/04**

	<b>CABLE 1</b>	<b>COLOR</b>		<b>CABLE 2</b>	<b>COLOR</b>
1	<i>Drains 1-8</i>	<i>DRAIN WIRE</i>	51	<i>Drains 1-8</i>	<i>DRAIN WIRE</i>
2	PAIR1H	TAN	52	PAIR1H	TAN
3	PAIR1L	WHITE	53	PAIR1L	WHITE
4	PAIR2H	BROWN	54	PAIR2H	BROWN
5	PAIR2L	WHITE	55	PAIR2L	WHITE
6	PAIR3H	PINK	56	PAIR3H	PINK
7	PAIR3L	WHITE	57	PAIR3L	WHITE
8	PAIR4H	ORANGE	58	PAIR4H	ORANGE
9	PAIR4L	WHITE	59	PAIR4L	WHITE
10	PAIR5H	YELLOW	60	PAIR5H	YELLOW
11	PAIR5L	WHITE	61	PAIR5L	WHITE
12	PAIR6H	GREEN	62	PAIR6H	GREEN
13	PAIR6L	WHITE	63	PAIR6L	WHITE
14	PAIR7H	BLUE	64	PAIR7H	BLUE
15	PAIR7L	WHITE	65	PAIR7L	WHITE
16	PAIR8H	VIOLET	66	PAIR8H	VIOLET
17	PAIR8L	WHITE	67	PAIR8L	WHITE
18	<i>Drains 9-16</i>	<i>DRAIN WIRE</i>	68	<i>Drains 9-16</i>	<i>DRAIN WIRE</i>
19	PAIR9H	GREY	69	PAIR9H	GREY
20	PAIR9L	WHITE	70	PAIR9L	WHITE
21	PAIR10H	BROWN	71	PAIR10H	BROWN
22	PAIR10L	TAN	72	PAIR10L	TAN
23	PAIR11H	PINK	73	PAIR11H	PINK
24	PAIR11L	TAN	74	PAIR11L	TAN
25	PAIR12H	ORANGE	75	PAIR12H	ORANGE
26	PAIR12L	TAN	76	PAIR12L	TAN
27	PAIR13H	YELLOW	77	PAIR13H	YELLOW
28	PAIR13L	TAN	78	PAIR13L	TAN
29	PAIR14H	GREEN	79	PAIR14H	GREEN
30	PAIR14L	TAN	80	PAIR14L	TAN
31	PAIR15H	BLUE	81	PAIR15H	BLUE
32	PAIR15L	TAN	82	PAIR15L	TAN
33	PAIR16H	VIOLET	83	PAIR16H	VIOLET
34	PAIR16L	TAN	84	PAIR16L	TAN
35	*SINGLE SHIELDED	ORANGE	85	PAIR17H	BLACK/WHITE
36	*SINGLE SHIELDED	YELLOW	86	PAIR18H	BROWN/WHITE
37	*35, 36, 38 & 44 Drains	<i>DRAIN WIRE</i>	87	PAIR19H	RED/WHITE
38	*SINGLE SHIELDED	GREEN	88	PAIR20H	ORANGE/WHITE
39	SINGLE - 24 AWG	RED 24 AWG	89	PAIR21H	YELLOW/WHITE
40	PAIR17H	BLACK/WHITE	90	PAIR22H	GREEN/WHITE
41	PAIR18H	BROWN/WHITE	91	PAIR23H	BLUE/WHITE
42	PAIR19H	RED/WHITE	92	PAIR24H	VIOLET/WHITE
43	PAIR20H	ORANGE/WHITE	93	*SINGLE SHIELDED	ORANGE
44	*SINGLE SHIELDED	BLUE	94	PAIR25H	GREY/WHITE
45	PAIR21H	YELLOW/PINK	95	*SINGLE SHIELDED	YELLOW
46	PAIR22H	GREEN/WHITE	96	PAIR17-25L	*See Note 2
47	PAIR23H	BLUE/WHITE	97	*SINGLE SHIELDED	GREEN
48	PAIR24H	VIOLET/WHITE	98	PAIR26H	PINK/WHITE
49	PAIR25H	GREY/WHITE	99	*SINGLE SHIELDED	BLUE
50	PAIR17L -25L	*See Note 1	100	93,95,97 & 99 Drains	<i>DRAIN WIRES</i>
	ALL CONNECTIONS 1:1 OUTER SHIELDS TO CONNECTOR HOUSINGS				
	PAIR 26 UNUSED (PINK/WHITE)			24 AWG SINGLE UNUSED	

**Note1- Join Together**

PAIR17L - WHITE/BLACK
PAIR18L - WHITE/BROWN
PAIR19L - WHITE/RED
PAIR20L - WHITE/ORANGE
PAIR21L - WHITE/YELLOW
PAIR22L - WHITE/GREEN
PAIR23L - WHITE/BLUE
PAIR24L - WHITE/VIOLET
PAIR25L -WHITE/GREY

**Note 2- Join Together**

PAIR17L - WHITE/BLACK
PAIR18L - WHITE/BROWN
PAIR19L - WHITE/RED
PAIR20L - WHITE/ORANGE
PAIR21L - WHITE/YELLOW
PAIR22L - WHITE/GREEN
PAIR23L - WHITE/BLUE
PAIR24L - WHITE/VIOLET
PAIR25L -WHITE/GREY
PAIR26L - WHITE/PINK