


MDA00018	REVISIONS			
	REV	DESCRIPTION	DATE	APPROVED
	A	INITIAL RELEASE	06/08/17	J.YOU

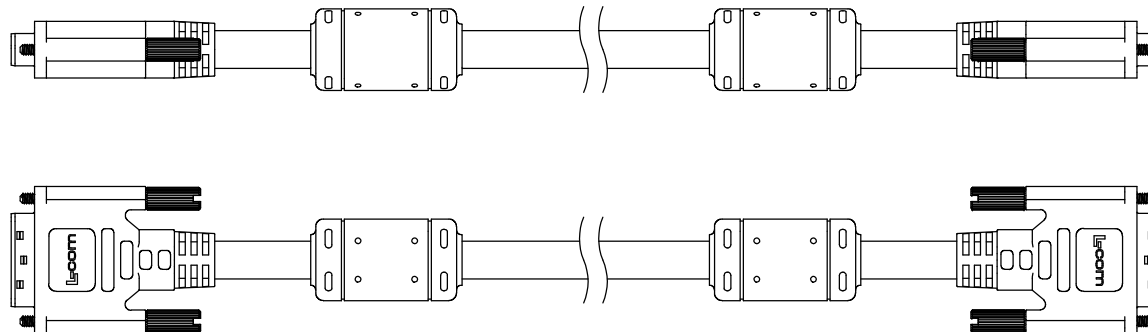
"P1"


















A diagram of a P1 connector, which is a rectangular component with a central slot and two circular ports on the sides. A cable is shown plugged into the right port.

Technical drawing of the P2 cable assembly. The drawing shows a side view of the cable with various components labeled. The total length is indicated as 23 ± 5.1 inches. The cable is composed of two molded PVC hoods with internal metal backshell shields, two encapsulated ferrite beads, and a central UL style 20276 shielded twisted pair copper coaxial cable. The cable is terminated with a P2 connector on one end and a 4x #4-40 UNC-2A metal thumbscrew on the other. The dimensions are as follows:


- Length: 23 ± 5.1 inches
- 2X MOLDDED PVC HOOD WITH INTERNAL METAL BACKSHELL SHIELD GRAY (PANTONE 424C)
- 2X ENCAPSULATED FERRITE BEAD GRAY COLOR (PANTONE 424C)
- UL STYLE 20276
- 2x, 0.91 ± 0.2 [23 ± 5.1]
- PIN 1
- "P2"
- 4X #4-40 UNC-2A METAL THUMBSCREW

(3) 28AWG, STRANDED TINNED COPPER COAXIAL CABLES (75 OHM),  
(7) SHIELDED TWISTED PAIR, 28AWG, STRANDED TINNED COPPER,  
(1) UNSHIELDED TWISTED PAIR 28AWG STRANDED TINNED COPPER,  
(5) CONDUCTORS 28AWG STRANDED TINNED COPPER,  
OVERALL ALUMINIZED POLYESTER FILM SHIELD PLUS TINNED COPPER STRAND SHIELD,  
PVC OUTER JACKET, COLOR: GRAY (PANTONE 424C)



"P1"			"P2"
C1		RED	C1
C5			C5
C2		LIGHT BLUE	C2
C5			C5
C3		GRAY	C3
C5			C5
C4		LIGHT BLUE	C4
24		WHITE	24
23		BROWN	23
22			22
21		WHITE	21
20		LIGHT GREEN	20
19			19
18		WHITE	18
17		ORANGE	17
16			16
15		RED	15
14		BROWN	14
13		WHITE	13
12		LIGHT BLUE	12
11			11
10		RED	10
9		ORANGE	9
8			8
7		ORANGE	7
6		YELLOW	6
5		BROWN	5
4		YELLOW	4
3			3
2		LIGHT GREEN	2
1		BLACK	1
S			

**NON CONTROLLED DRAWING IF PRINTED**

AS9100C CERTIFIED			CAD SYSTEM DRAWING - DO NOT REVISE MANUALLY			
			UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES	SIGNATURE	DATE	 MILESTEK CORPORATION 1506 INTERSTATE 35 WEST DENVER, TX 76207 PHONE: 866.524.1153 FAX: 940.591.7086
			OVERALL CABLE LENGTH TOLERANCES: $\pm 12 [303] \pm 1 [25] / -0$ $>12 [305] \leq 60 [1524] = +2 [51] / -0$ $>60 [1524] \leq 120 [3048] = +4 [102] / -0$ $>120 [3048] \leq 300 [7620] = +6 [152] / -0$ $>300 [7620] = +5% / -0%$	DRAWN BY: J.YOU	06/08/17	
			ALL OTHER DIMENSIONAL TOLERANCES: $X = \pm .2 [5.08]$ $.XX = \pm .02 [5.1]$ $.XXX = \pm .005 [1.3]$	CHECKED BY: B.GATES	06/08/17	
				APPROVED ENGINEERING: S.P.AN	06/08/17	
				APPROVED MANUFACTURING:		TITLE DVI CBL DVI-I M/M DUAL LNK
				CUSTOMER APPROVAL		SIZE <b>A</b>
DASH	NEXT ASSY	USED ON	CUSTOMER REFERENCE DOCUMENT:	CAGE CODE: 42977		DRAWING NUMBER: <b>MDA00018</b>
APPLICATION				SCALE: NTS		SHEET 1 OF 1