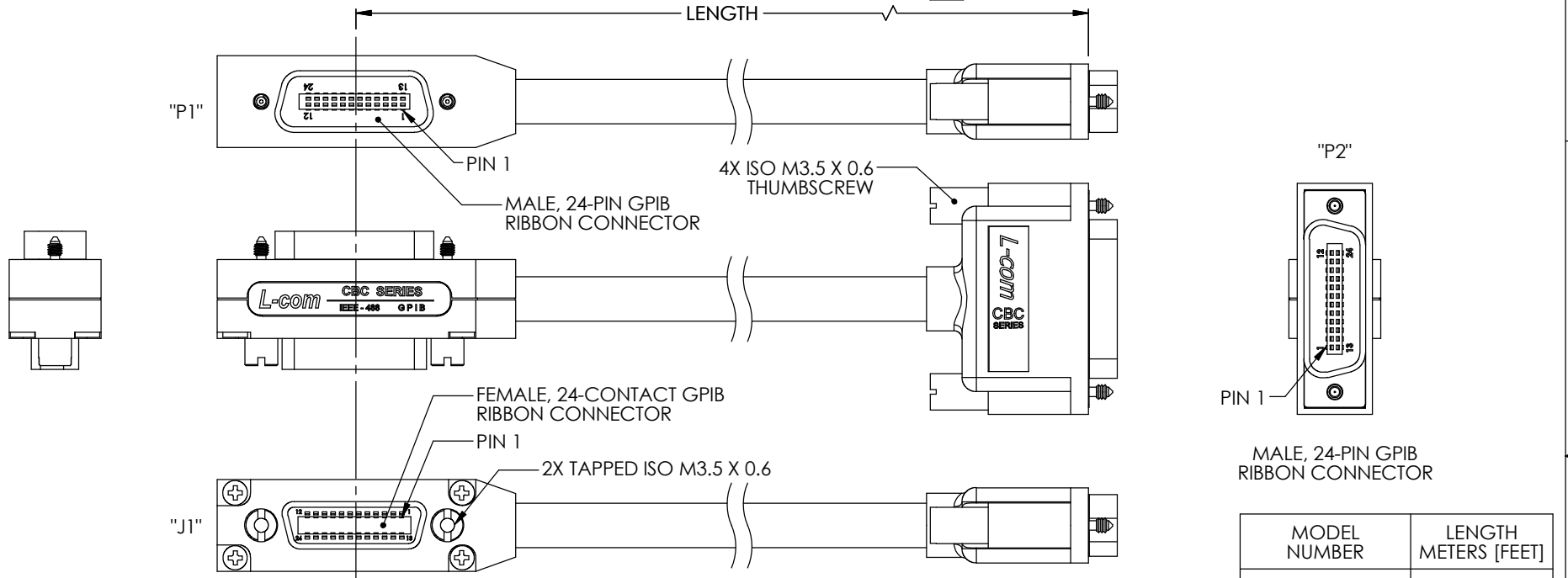


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REVISONS			
REV	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	06/01/17	J.YOU



MODEL NUMBER	LENGTH METERS [FEET]
MGPA00002-05M	0.5 [1.64]
MGPA00002-1M	1.0 [3.28]
MGPA00002-2M	2.0 [6.56]
MGPA00002-3M	3.0 [9.84]
MGPA00002-4M	4.0 [13.12]
MGPA00002-5M	5.0 [16.40]
MGPA00002-8M	8.0 [26.24]

NOTES:
MEETS REQUIREMENTS OF ANSI/IEEE STD 488.1-1987.

MATERIALS:
CABLE: U.L. STYLE 2464, TWELVE TWISTED PAIRS 26AWG STRANDED COPPER, FOUR DATA PAIRS WITHIN DOUBLE SHIELD ALUMINIZED POLYESTER FOIL PLUS BRAIDED COPPER DRAIN WIRE, AND EIGHT CONTROL PAIRS. OVERALL DOUBLE SHIELD ALUMINIZED POLYESTER FOIL PLUS BRAIDED COPPER WITH DRAIN WIRE. GRAY PVC JACKET.
CONNECTOR HOUSINGS AND SHELLS: DIE-CAST ALUMINUM ALLOY, NICKEL PLATED.
CONNECTOR INSULATORS: GLASS-FILLED PBT (BLUE), UL94V-0
CONNECTOR CONTACTS: COPPER ALLOY, 30 MICROINCHES GOLD OVER NICKEL
THUMBSCREWS: ISO M3.5 X 0.6, STEEL, BLACK OXIDE FINISH

ENVIRONMENTAL:
OPERATING TEMPERATURE RANGE: -20°C TO + 80°C

MISCELLANEOUS:
SEE SHEET 2 FOR WIRE MAP
CABLE ASSEMBLY SHALL BE TESTED FOR CONTINUITY.
CABLE ASSEMBLY SHALL BE INDIVIDUALLY PACKAGED IN ACCORDANCE WITH SPECIFICATION PS-0054.

REGULATORY COMPLIANCE:
CE2011/65/EU(RoHS DIRECTIVE)


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 <small>Military Aerospace Communications Industrial</small>	
OVERALL CABLE LENGTH TOLERANCE: ≤12 [305] = +1 [25] / -0 >12 [305] ≤60 [1524] = +2 [51] / -0 >60 [1524] ≤120 [3048] = +4 [102] / -0 >120 [3048] ≤300 [7620] = +6 [152] / -0 >300 [7620] = +3% / -0%		DESIGNED BY: J.YOU	06/01/17	MILESTEK CORPORATION 1506 INTERSTATE 35 WEST DENTON, TX 76207 PHONE: 846.524.1553 FAX: 940.591.7086	
ALL OTHER DIMENSIONAL TOLERANCES: .X = ± 2 [5.08] .XX = ± .02 [5.1] .XXX = ± .005 [1.3]		CHECKED BY: Brian G.	06/01/17	TITLE CABLE, PREM GPIB N/M	
CUSTOMER REFERENCE DOCUMENT:		APPROVED ENGINEERING: S.PAN	06/01/17	DRAWING NUMBER: MGPA00002	
DASH NEXT ASSY USED ON APPLICATION		CUSTOMER APPROVAL	CAGE CODE: 42977	SCALE: NTS SHEET 1 OF 2	

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WIRING MAP			
PAIR NUMBER	J1/P1	P2	FUNCTION
DATA GROUP IN INNER SHIELD			
1	1	1	DATA LINE DI01
	14	14	DATA LINE DI06
2	2	2	DATA LINE DI02
	3	3	DATA LINE DI03
3	4	4	DATA LINE DI04
	13	13	DATA LINE DI05
4	15	15	DATA LINE DI07
	16	16	DATA LINE DI08
CONTROL GROUP BETWEEN INNER AND OVERALL SHIELDS			
5	5	5	EOI
	24	24	EOI RETURN
6	6	6	DAV
	18	18	DAV RETURN
7	7	7	NRFD
	19	19	NRDF RETURN
8	8	8	NDAC
	20	20	NDAC RETURN
9	9	9	IFC
	21	21	IFC RETURN
10	10	10	SRQ
	22	22	SRQ RETURN
11	11	11	ATN
	23	23	ATN RETURN
12	17	17	REN
	24	24	REN RETURN
INNER SHIELD	24	24	INNER SHIELD
OVERALL SHIELD	12 & SHELL	12 & SHELL	OVERALL SHIELD

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<small>TITLE</small> CABLE, PREM GPIB N/M			
<small>SIZE</small> A		<small>DRAWING NUMBER:</small> MGPA00002	
<small>SCALE: NTS</small>		<small>SHEET 2 OF 2</small>	

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