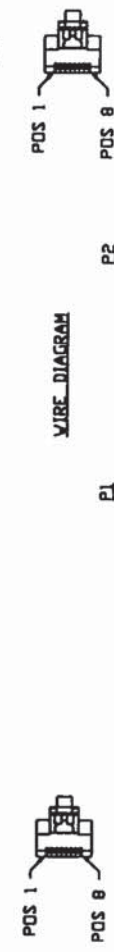
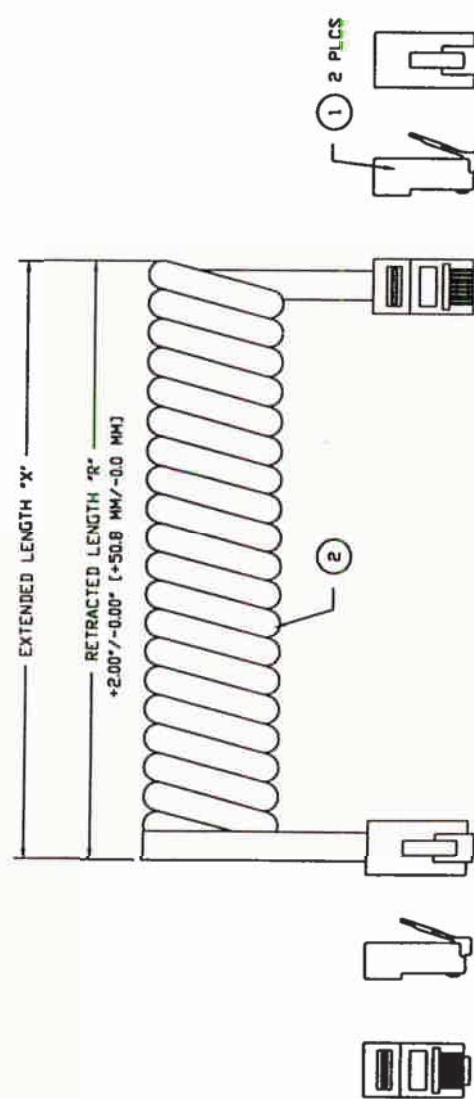


1 2 3 4 5

A B C D E F G H

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WIRE DIAGRAM

POS	1	2	3	4	5	6	7	8
1	GRAY							
2	ORANGE							
3	BLACK							
4	RED							
5	GREEN							
6	YELLOW							
7	BLUE							
8	BROWN							

CUSTOMER APPROVAL
ENGR. SIGN *Matt Lerner*
DATE: 4-13-99

- NOTES: UNLESS OTHERWISE SPECIFIED.
1. TEST CABLE FOR ALL OPENS & SHORTS.
 2. PACKAGE CABLE ASSEMBLY INDIVIDUALLY IN PLASTIC BAG. PACKAGE INDIVIDUAL BAG PER LOT NUMBER QUANTITIES.

488-148-505-D	121-810-022	14.0 FT (4.3 M)	50.0 IN (1270.0 MM)	WHITE
488-148-504-D	121-810-012	14.0 FT (4.3 M)	50.0 IN (1270.0 MM)	BLACK
488-148-503-D	121-810-002	14.0 FT (4.3 M)	50.0 IN (1270.0 MM)	SILVER SATIN
488-108-502-D	121-810-021	10.0 FT (3.0 M)	42.0 IN (1066.8 MM)	WHITE
488-108-501-D	121-810-011	10.0 FT (3.0 M)	42.0 IN (1066.8 MM)	BLACK
488-108-500-D	121-810-001	10.0 FT (3.0 M)	42.0 IN (1066.8 MM)	SILVER SATIN
488-078-505-D	121-810-020	7.0 FT (2.1 M)	28.0 IN (711.2 MM)	WHITE
488-078-504-D	121-810-010	7.0 FT (2.1 M)	28.0 IN (711.2 MM)	BLACK
488-078-503-D	121-810-000	7.0 FT (2.1 M)	28.0 IN (711.2 MM)	SILVER SATIN
488-058-502-D	121-810-023	5.0 FT (1.5 M)	22.0 IN (558.8 MM)	WHITE
488-058-501-D	121-810-013	5.0 FT (1.5 M)	22.0 IN (558.8 MM)	BLACK
488-058-500-D	121-810-003	5.0 FT (1.5 M)	22.0 IN (558.8 MM)	SILVER SATIN
IOI PART NUMBER	IOI CABLE PART NUMBER	EXTENDED LENGTH "X"	RETRACTED LENGTH "R"	

TABULATION BLOCK

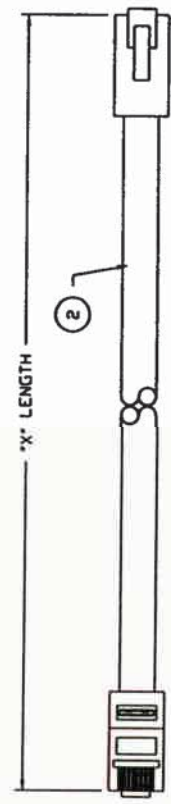
2		"X" FT	IOI	SEE "TABULATION BLOCK"	MODULAR COIL CABLE, 26 AVG (7/34) BARE COPPER, 8 CONDUCTOR, UNSHIELDED, PVC JACKET, (SEE TABULATION BLOCK FOR COLOR).	
1	2 PCS	IOI	325-881-50X	CONNECTOR, MODULAR PLUG, 8 POSITION, 8 CONDUCTOR, 50G Au, FLAT TYPE EXIT.		
ITEM	QTY	MFG.	IOI PART NO.	DESCRIPTION		
CABLE ASSEMBLY PARTS LIST						
I/O INTERCONNECT SANTA ANA, CALIFORNIA						
THIRD ANGLE PROJECTION		TITLE		8P8C/8P8C COIL CABLE, REVERSE STYLE, CABLE ASSEMBLY		
UNLESS OTHERWISE NOTED: 1) DIMENSIONS ARE IN INCHES (MILLIMETER) 2) TOLERANCES: X.XX ± 0.25 (6.35)		REV. NO.		REV. XZ		
SCALE		NONE		SHEET 1 OF 1		

A B C D E F G H

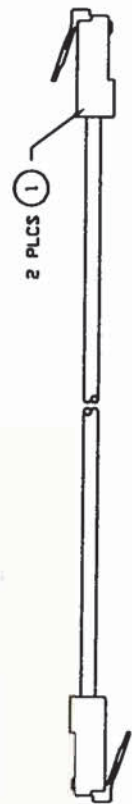
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DWG. NO.	ZONE	REV.	DESCRIPTION	DATE	APPROVED
XXB-502-D		X1	CUSTOMER APPROVAL	03/24/99	E.V.

1



2



3



4

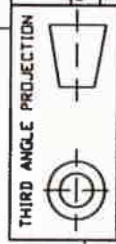
CUSTOMER APPROVAL
ENGR. SIGN Math. Neme
DATE: 4-12-99

- NOTES: UNLESS OTHERWISE SPECIFIED.
- CABLE TO BE BUNDLED AND TWIST TIED.
 - TEST CABLE FOR ALL OPENS & SHORTS.
 - PACKAGE CABLE ASSEMBLY INDIVIDUALLY IN PLASTIC BAG. PACKAGE INDIVIDUAL BAG PER LOT NUMBER QUANTITIES.

5

ITEM	QTY	MFG.	IDI PART NO.	DESCRIPTION
2	*X	IDI	120-810-020	MODULAR CABLE, 26 AVG (7/34) BARE COPPER, 8 CONDUCTOR, UNSHIELDED, WHITE PVC.
1	2 PCS	IDI	325-881-50X	CONNECTOR, MODULAR PLUG, 8 POSITION, 8 CONDUCTOR, 50u" AU, FLAT TYPE EXIT.

CABLE ASSEMBLY PARTS LIST



THIRD ANGLE PROJECTION

UNLESS OTHERWISE NOTED:
1) DIMENSIONS ARE IN INCHES (MILLIMETERS)
2) TOLERANCES
XXX ± 0.25 (6.35)

REV.	DATE	BY	CHKD.	APP'D.	DESCRIPTION
X1					DIGI KEY
					SCALE: NONE
					SHEET 1 OF 1

REV.	DATE	BY	CHKD.	APP'D.	DESCRIPTION
X1					DIGI KEY
					SCALE: NONE
					SHEET 1 OF 1

REV.	DATE	BY	CHKD.	APP'D.	DESCRIPTION
X1					DIGI KEY
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REV.	DATE	BY	CHKD.	APP'D.	DESCRIPTION
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REV.	DATE	BY	CHKD.	APP'D.	DESCRIPTION
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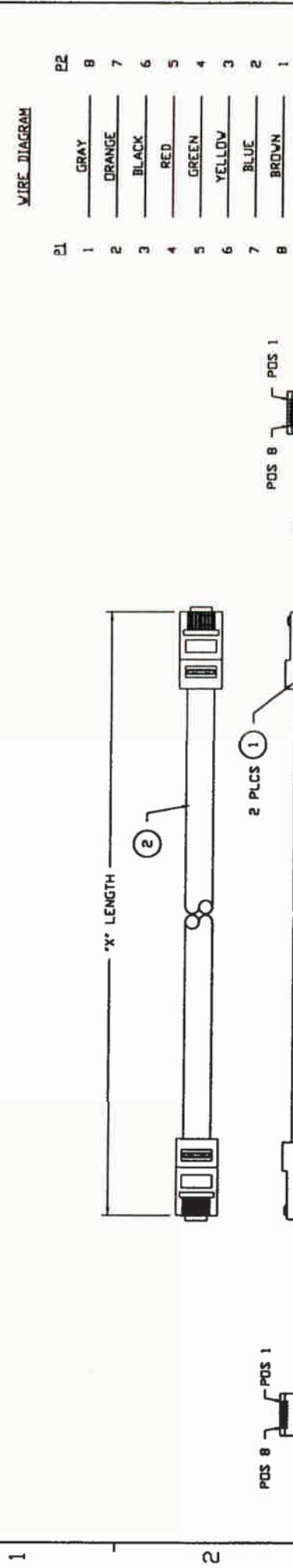
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REV.	DATE	BY	CHKD.	APP'D.	DESCRIPTION
X1					DIGI KEY
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					SHEET 1 OF 1

A B C D E F G H
 DWG. NO. ZONE REV. DESCRIPTION DATE APPROVED
 XXB-510-D XI 1 CUSTOMER APPROVAL 03/24/99 E.V.



CUSTOMER APPROVAL
 ENGR. SIGN Matt Jones
 DATE: 4-12-99

- NOTES: UNLESS OTHERWISE SPECIFIED.
1. CABLE TO BE BUNDLED AND TWIST TIED.
 2. TEST CABLE FOR ALL OPENS & SHORTS.
 3. PACKAGE CABLE ASSEMBLY INDIVIDUALLY IN PLASTIC BAG. PACKAGE INDIVIDUAL BAG PER LOT NUMBER QUANTITIES.

488-258-510-D	25.0 FT ± 4.0 IN 7.62 M ± 101.6 MM
488-148-510-D	14.0 FT ± 3.0 IN 4.27 M ± 76.2 MM
488-078-510-D	7.0 FT ± 2.0 IN 2.13 M ± 50.8 MM
PART NUMBER	LENGTH "X"

I/O INTERCONNECT			
SANTA ANA, CALIFORNIA			
REV.	DATE	BY	CHKD.
1	03/24/99	E.V.	
TITLE: BPBP MODULAR, STANDARD STYLE			
PART NO.: 488-XXB-510-D			
REV. NO.: 488-XXB-510-D			
CUSTOMER: DIGI KEY			
SCALE: NONE			
SHEET 1 OF 1			

CABLE ASSEMBLY PARTS LIST

ITEM	QTY	MFG.	DESCRIPTION
2	120-810-000	101	MODULAR CABLE, 26 AWG (7/34) BARE COPPER, 8 CONDUCTOR, UNSHIELDED, SILVER SATIN PVC.
1	325-881-50X	101	CONNECTOR, MODULAR PLUG, 8 POSITION, 8 CONDUCTOR, 50u" AU, FLAT TYPE EXIT.
CABLE ASSEMBLY PARTS LIST			

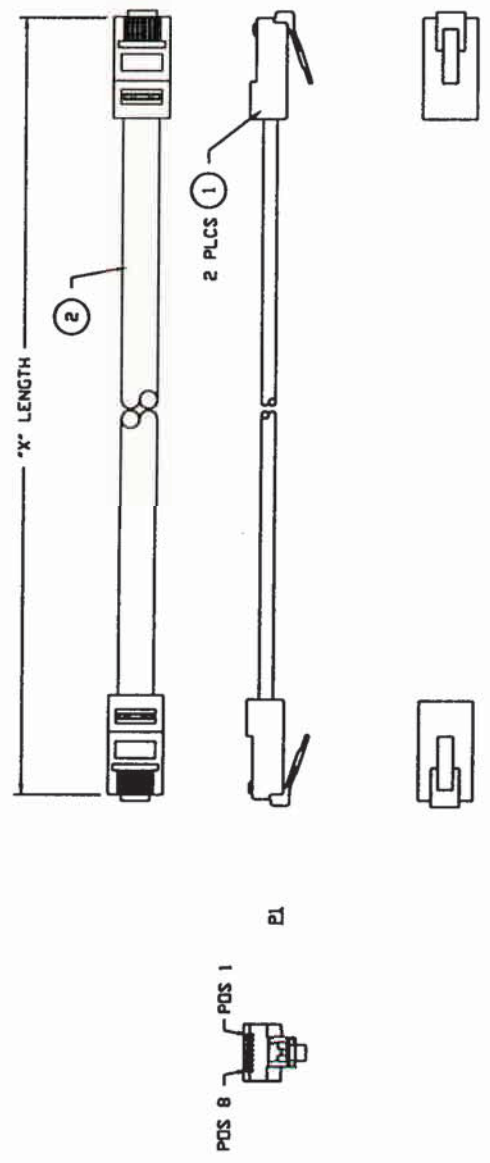
A B C D E F G H

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DWG. NO.	ZONE	REV.	DESCRIPTION	DATE	APPROVED
XX8-511-D		X1	CUSTOMER APPROVAL	03/24/99	E.V.

WIRE DIAGRAM

P1	P2
1	GRAY
2	ORANGE
3	BLACK
4	RED
5	GREEN
6	YELLOW
7	BLUE
8	BROWN

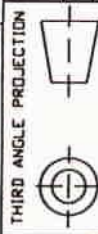


CUSTOMER APPROVAL
ENGR. SIGN Math Nemeo
DATE: 4-12-99

- NOTES: UNLESS OTHERWISE SPECIFIED.
1. CABLE TO BE BUNDLED AND TWIST TIED.
 2. TEST CABLE FOR ALL OPENS & SHORTS.
 3. PACKAGE CABLE ASSEMBLY INDIVIDUALLY IN PLASTIC BAG. PACKAGE INDIVIDUAL BAG PER LOT NUMBER QUANTITIES.

488-259-511-D	25.0 FT ± 4.0 IN 7.62 M ± 101.6 MM
488-148-511-D	14.0 FT ± 3.0 IN 4.27 M ± 76.2 MM
488-078-511-D	7.0 FT ± 2.0 IN 2.13 M ± 50.8 MM

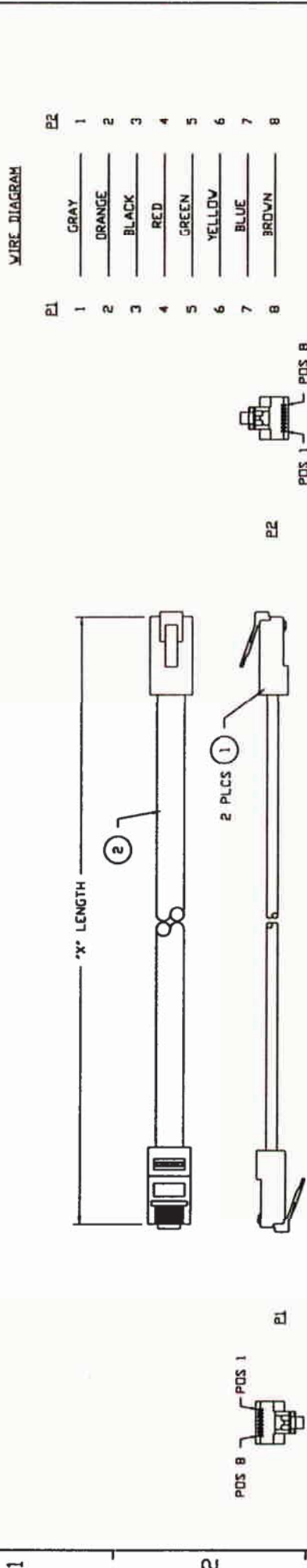
PART NUMBER	LENGTH "X"
I/O INTERCONNECT	



UNLESS OTHERWISE NOTED:
1) DIMENSIONS ARE IN INCHES (MILLIMETER)
2) TOLERANCES:
X.XX ± 0.25 (6.35)

ITEM	QTY	MFG.	IOI PART NO.	DESCRIPTION
2	"X"	IOI	120-810-010	MODULAR CABLE, 26 AWG (7/34) BARE COPPER, 8 CONDUCTOR, UNSHIELDED, BLACK PVC.
1	2 PCS	IOI	325-881-50X	CONNECTOR, MODULAR PLUG, 8 POSITION, 8 CONDUCTOR, 50u" Au, FLAT TYPE EXIT.
CABLE ASSEMBLY PARTS LIST				

REV.	DATE	BY	CHKD.	SCALE	SHEET	OF
X1				NONE	1	1



CUSTOMER APPROVAL
ENGR. SIGN Math Amec
DATE: 4-12-99

NOTES: UNLESS OTHERWISE SPECIFIED:
1. CABLE TO BE BUNDLED AND TWIST TIED.
2. TEST CABLE FOR ALL OPENS & SHORTS.
3. PACKAGE CABLE ASSEMBLY INDIVIDUALLY IN PLASTIC BAG.
PACKAGE INDIVIDUAL BAG PER LOT NUMBER QUANTITIES.

2	*X*	101	120-810-010	MODULAR CABLE, 26 AWG (7/34) BARE COPPER, 8 CONDUCTOR, UNSHIELDED, BLACK PVC.
1	2 PCS	101	325-881-50X	CONNECTOR, MODULAR PLUG, 8 POSITION, 8 CONDUCTOR, 50u" AW, FLAT TYPE EXIT.
ITEM	QTY	MFG.	IOI PART NO.	DESCRIPTION
CABLE ASSEMBLY PARTS LIST				

488-258-501-D	25.0 FT ± 4.0 IN 7.62 M ± 101.6 MM
488-148-501-D	14.0 FT ± 3.0 IN 4.27 M ± 76.2 MM
488-078-501-D	7.0 FT ± 2.0 IN 2.13 M ± 50.8 MM
PART NUMBER I/O INTERCONNECT	LENGTH *X*

THIRD ANGLE PROJECTION

UNLESS OTHERWISE NOTED:
1) DIMENSIONS ARE IN INCHES (MILLIMETER)
2) TOLERANCES:
XXX ± 0.25 (6.35)

I/O INTERCONNECT
SANTA ANA, CALIFORNIA

TITLE: BPBP MODULAR, REVERT STYLE, BLACK, CABLE ASSEMBLY

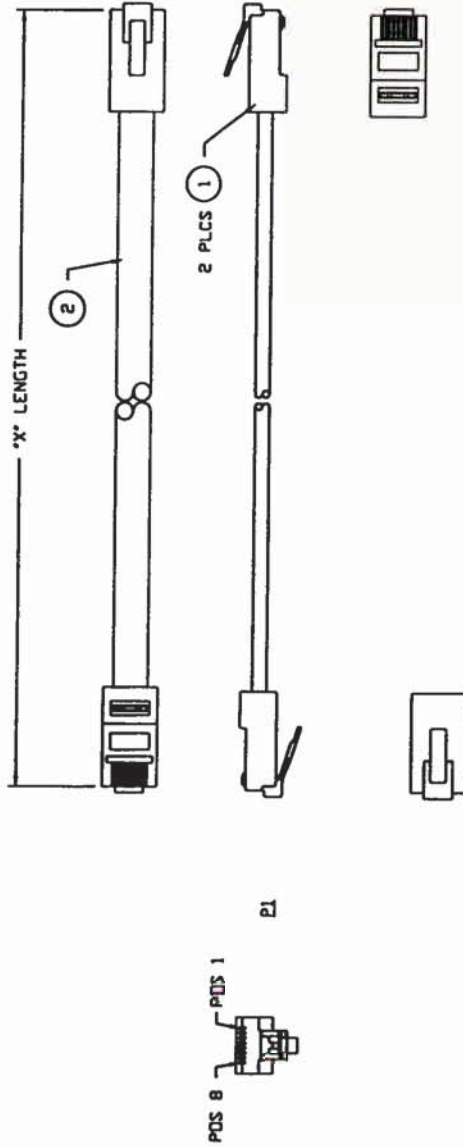
PART NO: 488-XXB-501-D
DWG NO: 488-XXB-501-D
CUSTOMER: DIGI KEY
SCALE: NONE
SHEET 1 OF 1

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A		B		C		D		E		F		G		H	
DWG. NO.		ZONE		REV.		DESCRIPTION		DATE		APPROVED		E.V.			
XXB-500-D				X1		CUSTOMER APPROVAL		03/24/99							

WIRE DIAGRAM

P1	P2
1	GRAY
2	ORANGE
3	BLACK
4	RED
5	GREEN
6	YELLOW
7	BLUE
8	BROWN



CUSTOMER APPROVAL

ENGR. SIGN 4 Matt Jensen

DATE: 4-17-99

NOTES: UNLESS OTHERWISE SPECIFIED.

1. CABLE TO BE BUNDLED AND TWIST TIED.

2. TEST CABLE FOR ALL OPENS & SHORTS.

3. PACKAGE CABLE ASSEMBLY INDIVIDUALLY IN PLASTIC BAG.
PACKAGE INDIVIDUAL BAG PER LOT NUMBER QUANTITIES.

H2883-25-ND
H2883-14-ND
H2883-07-ND

488-258-500-D	250 FT ± 4.0 IN 762 M ± 101.6 MM
488-148-500-D	140 FT ± 3.0 IN 427 M ± 76.2 MM
488-078-500-D	70 FT ± 2.0 IN 213 M ± 50.8 MM

PART NUMBER
I/O INTERCONNECT

LENGTH 'X'

THIRD ANGLE PROJECTION



UNLESS OTHERWISE NOTED:
1) DIMENSIONS ARE IN INCHES (MILLIMETER)
2) TOLERANCES:
XXX ± 0.25 (6.35)

I/O INTERCONNECT
SANTA ANA, CALIFORNIA

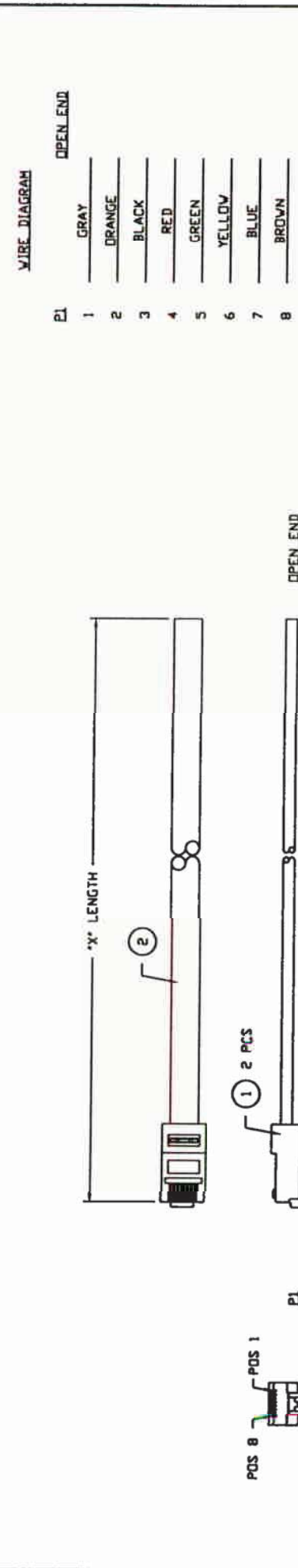
REV	DATE	BY	CHKD	APP'D	DESCRIPTION
1					MODULAR CABLE, 26 AWG (7/34) BARE COPPER, 8 CONDUCTOR, UNSHIELDED, SILVER SATIN PVC.
2					CONNECTOR, MODULAR PLUG, 8 POSITION, 8 CONDUCTOR, 50U" AU, FLAT TYPE EXIT.
3					CONNECTOR, MODULAR PLUG, 8 POSITION, 8 CONDUCTOR, 50U" AU, FLAT TYPE EXIT.
4					CONNECTOR, MODULAR PLUG, 8 POSITION, 8 CONDUCTOR, 50U" AU, FLAT TYPE EXIT.
5					CONNECTOR, MODULAR PLUG, 8 POSITION, 8 CONDUCTOR, 50U" AU, FLAT TYPE EXIT.
6					CONNECTOR, MODULAR PLUG, 8 POSITION, 8 CONDUCTOR, 50U" AU, FLAT TYPE EXIT.
7					CONNECTOR, MODULAR PLUG, 8 POSITION, 8 CONDUCTOR, 50U" AU, FLAT TYPE EXIT.
8					CONNECTOR, MODULAR PLUG, 8 POSITION, 8 CONDUCTOR, 50U" AU, FLAT TYPE EXIT.
9					CONNECTOR, MODULAR PLUG, 8 POSITION, 8 CONDUCTOR, 50U" AU, FLAT TYPE EXIT.
10					CONNECTOR, MODULAR PLUG, 8 POSITION, 8 CONDUCTOR, 50U" AU, FLAT TYPE EXIT.
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99					CONNECTOR, MODULAR PLUG, 8 POSITION, 8 CONDUCTOR, 50U" AU, FLAT TYPE EXIT.
100					CONNECTOR, MODULAR PLUG, 8 POSITION, 8 CONDUCTOR, 50U" AU, FLAT TYPE EXIT.

CABLE ASSEMBLY PARTS LIST

SCALE: NONE SHEET 1 OF 1

A	B	C	D	E	F	G	H
DATE	REV.	DESCRIPTION	DATE	APPROVED			
XXB-522-D	X1	CUSTOMER APPROVAL	03/24/99	E.V.			

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OPEN END

CUSTOMER APPROVAL
ENGR. SIGN Matt Demec
DATE: 4-12-99

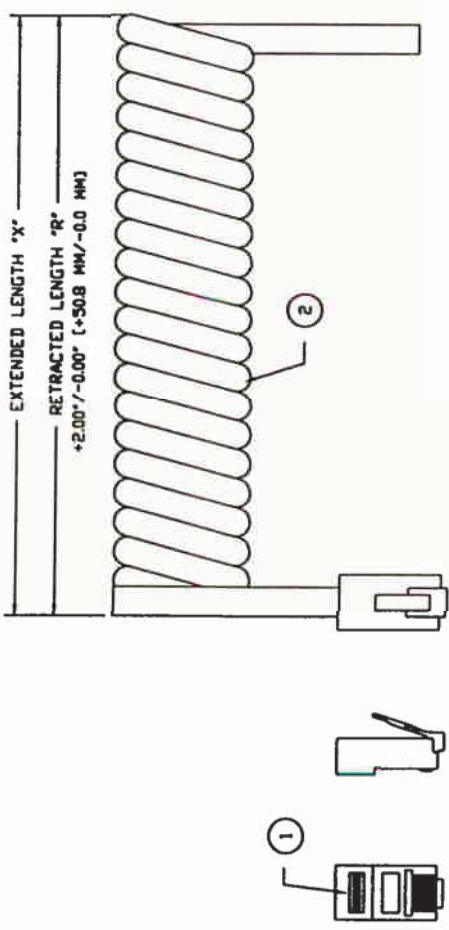
H3881-25-ND
H3881-14-ND
H3881-07-ND

- NOTES: UNLESS OTHERWISE SPECIFIED.
- CABLE TO BE BUNDLED AND TWIST TIED.
 - TEST CABLE FOR ALL OPENS & SHORTS.
 - PACKAGE CABLE ASSEMBLY INDIVIDUALLY IN PLASTIC BAG. PACKAGE INDIVIDUAL BAG PER LOT NUMBER QUANTITIES.

THIRD ANGLE PROJECTION		I/O INTERCONNECT		SANTA ANA, CALIFORNIA	
				TITLE: I/O INTERCONNECT	
UNLESS OTHERWISE NOTED: 1) DIMENSIONS ARE IN INCHES (MILLIMETER) 2) TOLERANCES: XXX ± 0.25 (6.35)		BPBP MODULAR TO OPEN END WHITE, CABLE ASSEMBLY		REV. X1	
PART NO. 488-XXB-522-D		REV. NO. 488-XXB-522-D		CUSTOMER DIGI KEY	
DATE/PRICE		SCALE: NONE		SHEET 1 OF 1	

MODULAR CABLE, 26 AWG (7/34) BARE COPPER, 8 CONDUCTOR, UNSHIELDED, WHITE PVC.	
CONNECTOR, MODULAR PLUG, 8 POSITION, 8 CONDUCTOR, 50U" AU, FLAT TYPE EXIT.	
DESCRIPTION	
CABLE ASSEMBLY PARTS LIST	

2	"X"	101	120-810-020
1	1 PC	101	325-881-50X
ITEM	QTY	MFG.	101 PART NO.



WIRE DIAGRAM

PI	OPEN END
1	GRAY
2	ORANGE
3	BLACK
4	RED
5	GREEN
6	YELLOW
7	BLUE
8	BROWN

CUSTOMER APPROVAL
ENGR. SIGN Math Ammer
DATE: 4-13-99

- NOTES: UNLESS OTHERWISE SPECIFIED.
1. TEST CABLE FOR ALL OPENS & SHORTS.
 2. PACKAGE CABLE ASSEMBLY INDIVIDUALLY IN PLASTIC BAG. PACKAGE INDIVIDUAL BAG PER LOT NUMBER QUANTITIES.

488-148-525-D	121-810-022	14.0 FT (4.3 M)	50.0 IN (1270.0 MM)	WHITE
488-148-524-D	121-810-012	14.0 FT (4.3 M)	50.0 IN (1270.0 MM)	BLACK
488-148-523-D	121-810-002	14.0 FT (4.3 M)	50.0 IN (1270.0 MM)	SILVER SATIN
488-108-522-D	121-810-021	10.0 FT (3.0 M)	42.0 IN (1066.8 MM)	WHITE
488-108-521-D	121-810-011	10.0 FT (3.0 M)	42.0 IN (1066.8 MM)	BLACK
488-108-520-D	121-810-001	10.0 FT (3.0 M)	42.0 IN (1066.8 MM)	SILVER SATIN
488-078-525-D	121-810-020	7.0 FT (2.1 M)	28.0 IN (711.2 MM)	WHITE
488-078-524-D	121-810-010	7.0 FT (2.1 M)	28.0 IN (711.2 MM)	BLACK
488-078-523-D	121-810-000	7.0 FT (2.1 M)	28.0 IN (711.2 MM)	SILVER SATIN
488-058-522-D	121-810-023	5.0 FT (1.5 M)	22.0 IN (558.8 MM)	WHITE
488-058-521-D	121-810-013	5.0 FT (1.5 M)	22.0 IN (558.8 MM)	BLACK
488-058-520-D	121-810-003	5.0 FT (1.5 M)	22.0 IN (558.8 MM)	SILVER SATIN
IOI PART NUMBER	IOI CABLE PART NUMBER	EXTENDED LENGTH "X"	RETRACTED LENGTH "R"	

THIRD ANGLE PROJECTION

UNLESS OTHERWISE NOTED, DIMENSIONS ARE IN INCHES (MILLIMETERS). TOLERANCES: XXX ± 0.25 (6.35)

MODULAR COIL CABLE, 26 AWG (7/34) BARE COPPER, 8 CONDUCTOR, UNSHIELDED, PVC JACKET, (SEE TABULATION BLOCK FOR COLOR).

CONNECTOR, MODULAR PLUG, 8 POSITION, 8 CONDUCTOR, 50U" AU, FLAT TYPE EXIT.

ITEM	QTY	PC	IOI	MFG.	IOI PART NO.	DESCRIPTION
2	1	PC	IOI		325-881-50X	

2	"X" FT	IOI	SEE "TABULATION BLOCK"			
1	1 PC	IOI	325-881-50X			
ITEM	QTY	PC	IOI	MFG.	IOI PART NO.	DESCRIPTION

I/O INTERCONNECT
SANTA ANA, CALIFORNIA

899C COIL CABLE
TO OPEN END, CABLE ASSEMBLY

PART NO. 488-XXB-52X-D
PVG NO. 488-XXB-52X-D
CUSTOMER DIGI KEY
SCALE NONE SHEET 1 OF 1