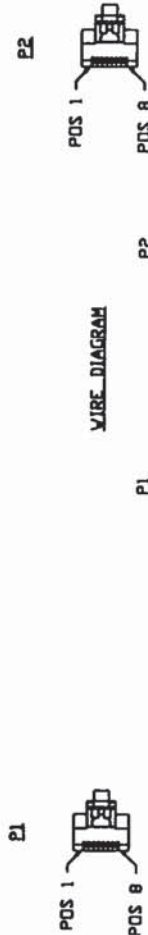
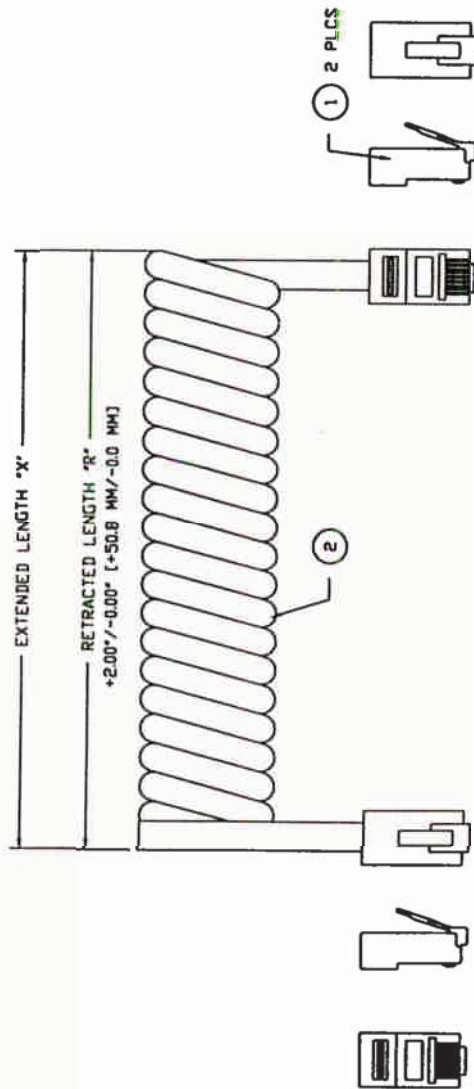


1 2 3 4 5

A B C D E F G H

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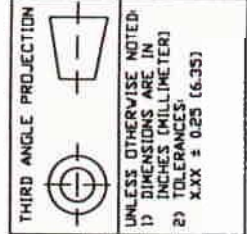
WIRE DIAGRAM	
P1	P2
1	GRAY
2	ORANGE
3	BLACK
4	RED
5	GREEN
6	YELLOW
7	BLUE
8	BROWN

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



I/O INTERCONNECT	
SANTA ANA, CALIFORNIA	
REV.	DATE
REV. 01	03/26/99
REV. 02	03/29/99
REV. 03	
REV. 04	
REV. 05	
REV. 06	
REV. 07	
REV. 08	
REV. 09	
REV. 10	
REV. 11	
REV. 12	
REV. 13	
REV. 14	
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REV. 18	
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REV. 92	
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REV. 94	
REV. 95	
REV. 96	
REV. 97	
REV. 98	
REV. 99	
REV. 100	

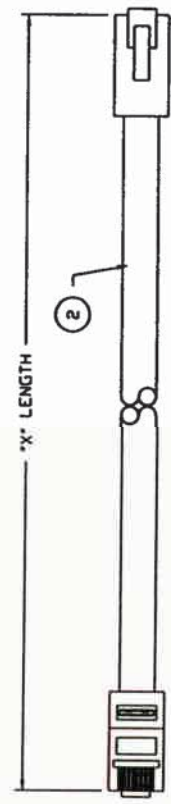
ITEM	QTY	IOI PART NO.	DESCRIPTION
2	2 PCS	325-881-50X	MODULAR COIL CABLE, 26 AVG (7/34) BARE COPPER, 8 CONDUCTOR, UNSHIELDED, PVC JACKET, (SEE TABULATION BLOCK FOR COLOR).
1	2 PCS	325-881-50X	CONNECTOR, MODULAR PLUG, 8 POSITION, 8 CONDUCTOR, 50U" AU, FLAT TYPE EXIT.
CABLE ASSEMBLY PARTS LIST			

A B C D E F G H

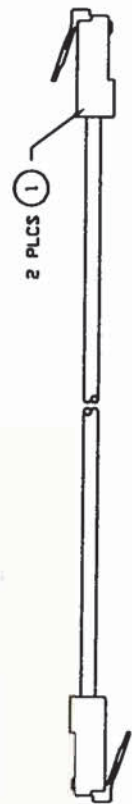
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DWG. NO.	ZONE	REV.	DESCRIPTION	DATE	APPROVED
XXB-502-D		X1	CUSTOMER APPROVAL	03/24/99	E.V.

1



2



3



4

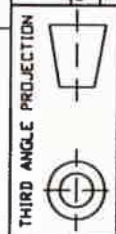
CUSTOMER APPROVAL
ENGR. SIGN Math. Neme
DATE: 4-12-99

- 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	APP'D	DESCRIPTION
X1				DIGI KEY
				SCALE: NONE
				SHEET 1 OF 1

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

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

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

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

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

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

REV.	DATE	BY	APP'D	DESCRIPTION
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				SHEET 1 OF 1

REV.	DATE	BY	APP'D	DESCRIPTION
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				SHEET 1 OF 1

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				SHEET 1 OF 1

REV.	DATE	BY	APP'D	DESCRIPTION
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				SHEET 1 OF 1

REV.	DATE	BY	APP'D	DESCRIPTION
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				SHEET 1 OF 1

REV.	DATE	BY	APP'D	DESCRIPTION
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				SHEET 1 OF 1

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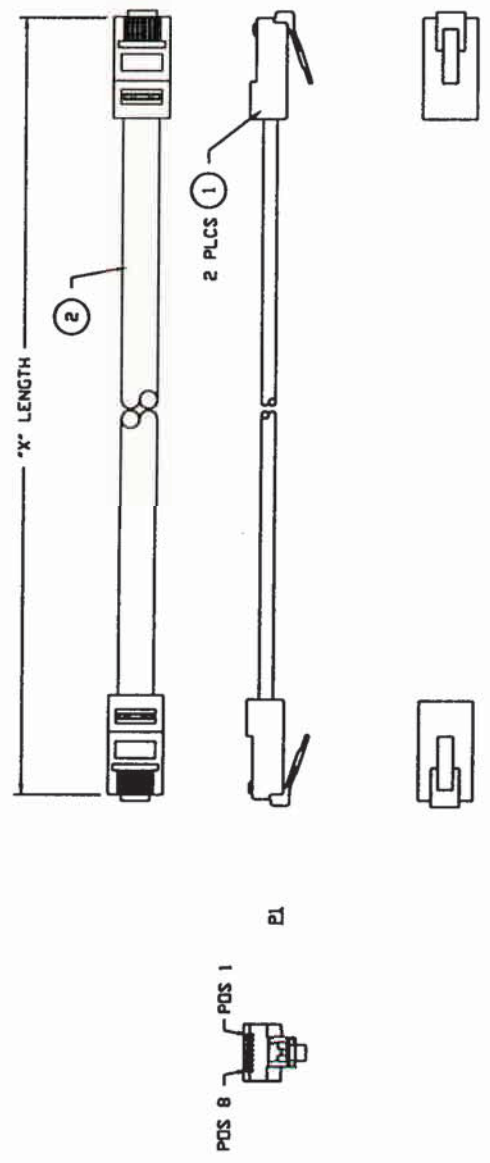
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DWG. NO.	ZONE	REV.	DESCRIPTION	DATE	APPROVED
XX8-511-D		X1	CUSTOMER APPROVAL	03/24/99	E.V.

WIRE DIAGRAM

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



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

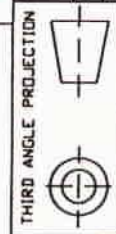
NOTES: UNLESS OTHERWISE SPECIFIED.

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"
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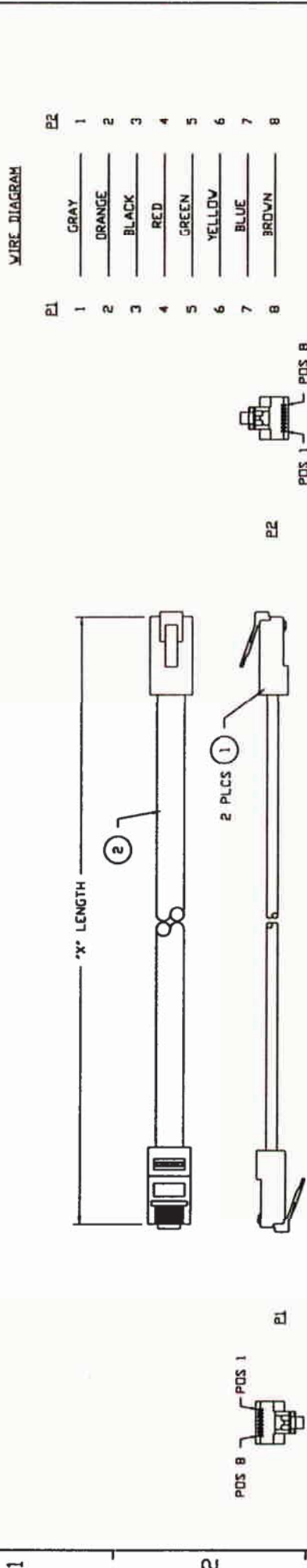
I/O INTERCONNECT	
SANTA ANA, CALIFORNIA	



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.	X1
CUSTOMER	DIGI KEY
SCALE	NONE
SHEET	1 OF 1



CUSTOMER APPROVAL
ENGR. SIGN Math Amel
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.

H2882-25-ND		488-258-501-D	25.0 FT ± 4.0 IN 762 M ± 101.6 MM
H2882-14-ND		488-148-501-D	14.0 FT ± 3.0 IN 4.27 M ± 76.2 MM
H2882-07-ND		488-078-501-D	7.0 FT ± 2.0 IN 2.13 M ± 50.8 MM
		PART NUMBER	LENGTH "X"
		I/O INTERCONNECT	
		I/O INTERCONNECT SANTA ANA, CALIFORNIA	
		TITLE BP8P 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	

CABLE ASSEMBLY PARTS LIST

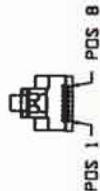
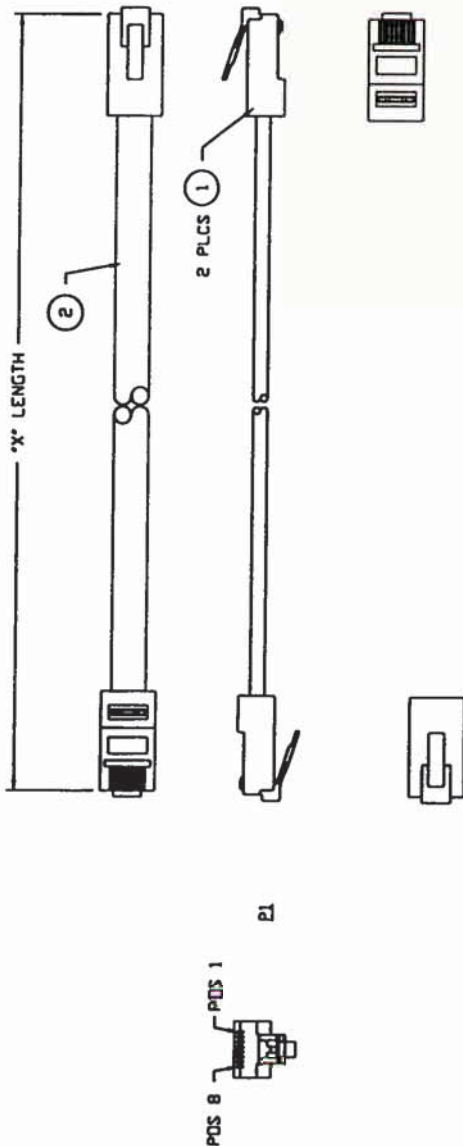
ITEM	QTY	MFG.	IOI PART NO.	DESCRIPTION
2	"X"	IOI	120-810-010	MODULAR CABLE, 26 AWG (7/34) BARE COPPER, 8 CONDUCTOR, UNSHIELDED, BLACK PVC.
1	2 PCS	IOI	325-881-50X	CONNECTOR, MODULAR PLUG, 8 POSITION, 8 CONDUCTOR, 50u" AW, FLAT TYPE EXIT.

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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



P2

POS 1 POS 8



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

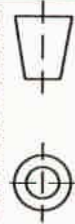
488-148-500-D 140 FT ± 3.0 IN
427 M ± 76.2 MM

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					SILVER SATIN, CABLE ASSEMBLY
2					488-XXB-500-D
3					488-XXB-500-D
4					CUSTOMER DIGI KEY
5					REV
6					SCALE: NONE
7					SHEET 1 OF 1

MODULAR CABLE, 26 AWG (7/34) BARE COPPER, 8 CONDUCTOR, UNSHIELDED,
SILVER SATIN PVC.

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

DESCRIPTION

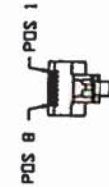
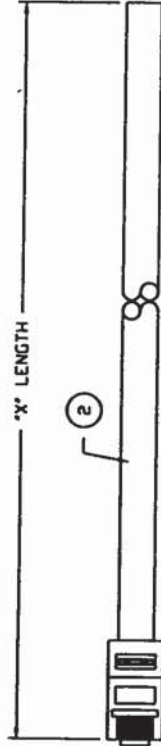
CABLE ASSEMBLY PARTS LIST

ITEM	QTY	MFG	IOI PART NO.	DESCRIPTION
2	2 PCS	IOI	120-810-000	MODULAR CABLE, 26 AWG (7/34) BARE COPPER, 8 CONDUCTOR, UNSHIELDED, SILVER SATIN PVC.
1	2 PCS	IOI	325-881-50X	CONNECTOR, MODULAR PLUG, 8 POSITION, 8 CONDUCTOR, 50U" AU, FLAT TYPE EXIT.

A		B	C	D	E	F	G	H
DWG. NO.		ZONE	REV.	DESCRIPTION	DATE	APPROVED		
XXB-521-D			X1	CUSTOMER APPROVAL	03/24/99	E.V.		

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1



1 2 PCS

P1

OPEN END

WIRE DIAGRAM

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

3



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

H3882-25-ND
H3882-14-ND
H3882-07-ND

NOTES: UNLESS OTHERWISE SPECIFIED.

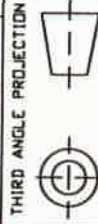
- CABLE TO BE BUNDLED AND TWIST TIED.
- TEST CABLE FOR ALL OPENS & SHORTS.
- PACKAGE CABLE ASSEMBLY INDIVIDUALLY IN PLASTIC BAG. PACKAGE INDIVIDUAL BAG PER LOT NUMBER QUANTITIES.

488-258-521-D	25.0 FT ± 4.0 IN 7.62 M ± 101.6 MM
488-148-521-D	14.0 FT ± 3.0 IN 4.27 M ± 76.2 MM
488-078-521-D	7.0 FT ± 2.0 IN 2.13 M ± 50.8 MM

PART NUMBER
I/O INTERCONNECT

LENGTH "X"

I/O INTERCONNECT
SANTA ANA, CALIFORNIA



THIRD ANGLE PROJECTION

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

MODULAR CABLE, 26 AVG (7/34) BARE COPPER, 8 CONDUCTOR, UNSHIELDED, BLACK PVC.

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

DESCRIPTION

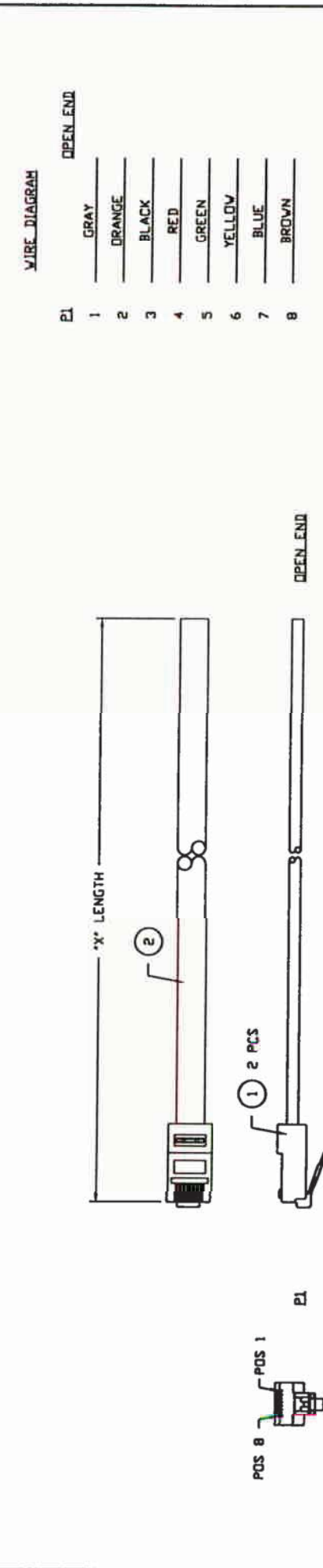
CABLE ASSEMBLY PARTS LIST

ITEM	QTY	MFG.	IDT PART NO.	DESCRIPTION
2	1	101	120-810-010	MODULAR CABLE, 26 AVG (7/34) BARE COPPER, 8 CONDUCTOR, UNSHIELDED, BLACK PVC.
1	1	101	325-881-50X	CONNECTOR, MODULAR PLUG, 8 POSITION, 8 CONDUCTOR, 50u" AU, FLAT TYPE EXIT.
CABLE ASSEMBLY PARTS LIST				
				SCALE: NONE
				SHEET 1 OF 1

5

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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WIRE DIAGRAM

1 GRAY

2 ORANGE

3 BLACK

4 RED

5 GREEN

6 YELLOW

7 BLUE

8 BROWN

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.

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

CABLE ASSEMBLY PARTS LIST

488-258-522-D	25.0 FT ± 4.0 IN 7.62 M ± 101.6 MM
488-148-522-D	14.0 FT ± 3.0 IN 4.27 M ± 76.2 MM
488-078-522-D	7.0 FT ± 2.0 IN 2.13 M ± 50.8 MM

PART NUMBER

I/O INTERCONNECT

LENGTH "X"

TITLE	
SANTA ANA, CALIFORNIA	
DATE	BY
03/24/99	E.V.
DATE	BY
03/24/99	E.V.
DATE	BY
03/24/99	E.V.
DATE	BY
03/24/99	E.V.



THIRD ANGLE PROJECTION

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

H3881-25-ND

H3881-14-ND

H3881-07-ND

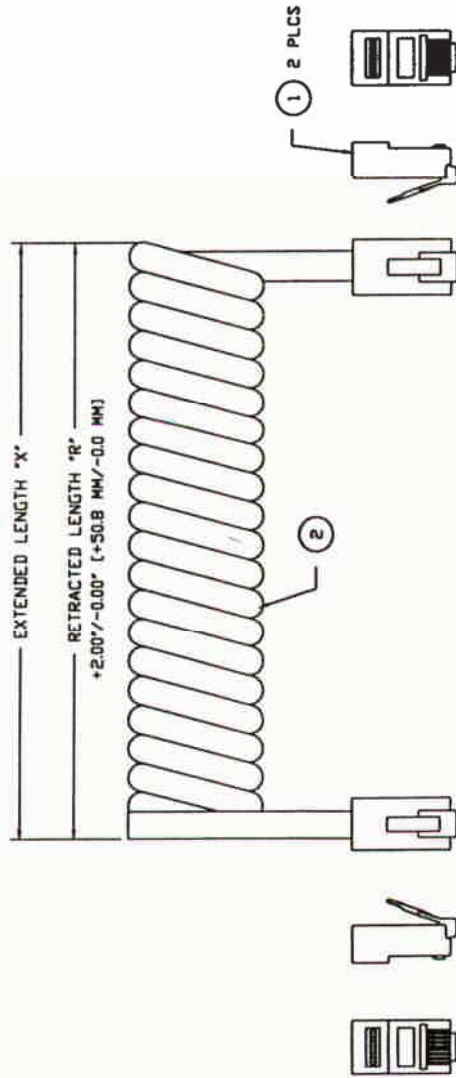


SCALE: NONE

SHEET 1 OF 1

A		B	C	D	E	F	G	H
DWG. NO.		ZONE	REV.	DESCRIPTION		DATE	APPROVED	
XXB-51X-D			X1	CUSTOMER APPROVAL		03/26/99	E.V.	
			X2	ADD RETRACTED LENGTH		03/29/99	E.V.	

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

CUSTOMER APPROVAL
ENGR. SIGN Math Lemmer
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.

8 BROWN 1				THIRD ANGLE PROJECTION						I/O INTERCONNECT SANTA ANA, CALIFORNIA	
2		*X' FT	IOI	SEE "TABULATION BLOCK"	MODULAR COIL CABLE, 26 AWG (7/34) BARE COPPER, 8 CONDUCTOR, UNSHIELDED, PVC JACKET, (SEE TABULATION BLOCK FOR COLOR).				TITLE BP9C/BP9C COIL CABLE, STANDARD STYLE, CABLE ASSEMBLY		
1		2 PCS	IOI	325-881-50X	CONNECTOR, MODULAR PLUG, 8 POSITION, 8 CONDUCTOR, 50.0" AU, FLAT TYPE EXIT.				PART NO. 48B-XXB-31X-D PVG NO. 48B-XXB-31X-D		
ITEM	QTY	MFG.	IOI PART NO.	DESCRIPTION				CUSTOMER DIGI KEY REV. XE			
				CABLE ASSEMBLY PARTS LIST				SCALE: NONE SHEET 1 OF 1			

