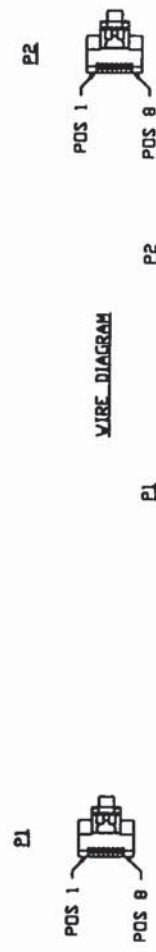
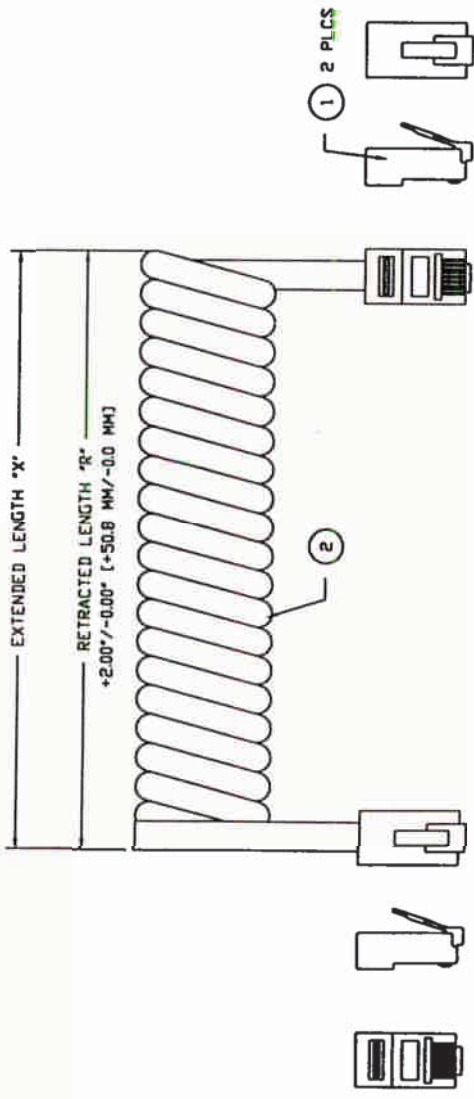


A B C D E F G H

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DWG. NO.	ZONE	REV.	DESCRIPTION	DATE	APPROVED
XXB-50X-D		X1	CUSTOMER APPROVAL	03/26/99	E.V.
		X2	ADD RETRACTED LENGTH	03/29/99	E.V.



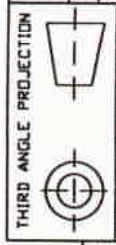
WIRE DIAGRAM	
P1	P2
1	GRAY
2	ORANGE
3	BLACK
4	RED
5	GREEN
6	YELLOW
7	BLUE
8	BROWN

TABULATION BLOCK

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*	

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.



THIRD ANGLE PROJECTION
UNLESS OTHERWISE NOTED:
1) DIMENSIONS ARE IN INCHES (MILLIMETERS)
2) TOLERANCES:
XX ± 0.25 (6.35)

I/O INTERCONNECT SANTA ANA, CALIFORNIA	
FILE NO.	898C/898C COIL CABLE, REVERSE STYLE, CABLE ASSEMBLY
REV.	PART NO. 488-XXB-50X-D
CHANGED	DWG NO. 488-XXB-50X-D
DATE/PAID	CUSTOMER DIGI KEY
REV. X2	SCALE NONE SHEET 1 OF 1

ITEM	QTY	IOI	MFG.	DESCRIPTION
2	2 PCS	325-881-50X	IOI PART NO.	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	IOI PART NO.	CONNECTOR, MODULAR PLUG, 8 POSITION, 8 CONDUCTOR, 50U" AU, FLAT TYPE EXIT.

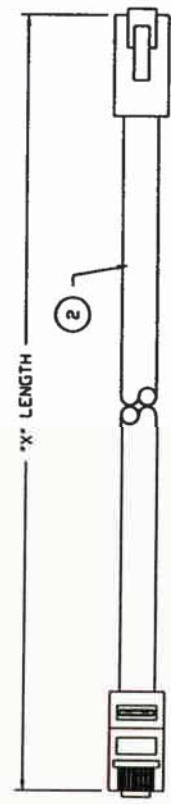
CABLE ASSEMBLY PARTS LIST

A B C D E F G H

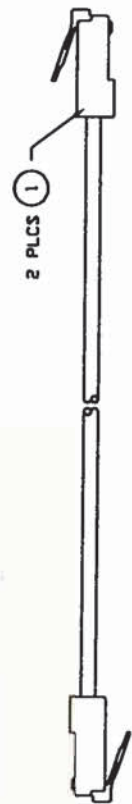
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DWG. NO.	ZONE	REV.	DESCRIPTION	DATE	APPROVED
XXB-502-D		X1	CUSTOMER APPROVAL	03/24/99	E.V.

1



2



3



4

CUSTOMER APPROVAL

ENGR. SIGN Math. Neme

DATE: 4-12-99

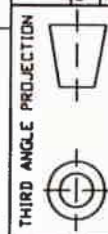
NOTES: UNLESS OTHERWISE SPECIFIED.

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.

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

I/O INTERCONNECT	
SANTA ANA, CALIFORNIA	
DATE	REV.
03/24/99	X1
TITLE	
BPBP MODULAR, REVERT STYLE, WHITE, CABLE ASSEMBLY	
PART NO.	488-XXB-502-D
DWG. NO.	488-XXB-502-D
CUSTOMER	DIGI KEY
SCALE	NONE
SHEET	1 OF 1

WIRE DIAGRAM

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



H2881-25-ND
H2881-14 ND
H2881-07-ND

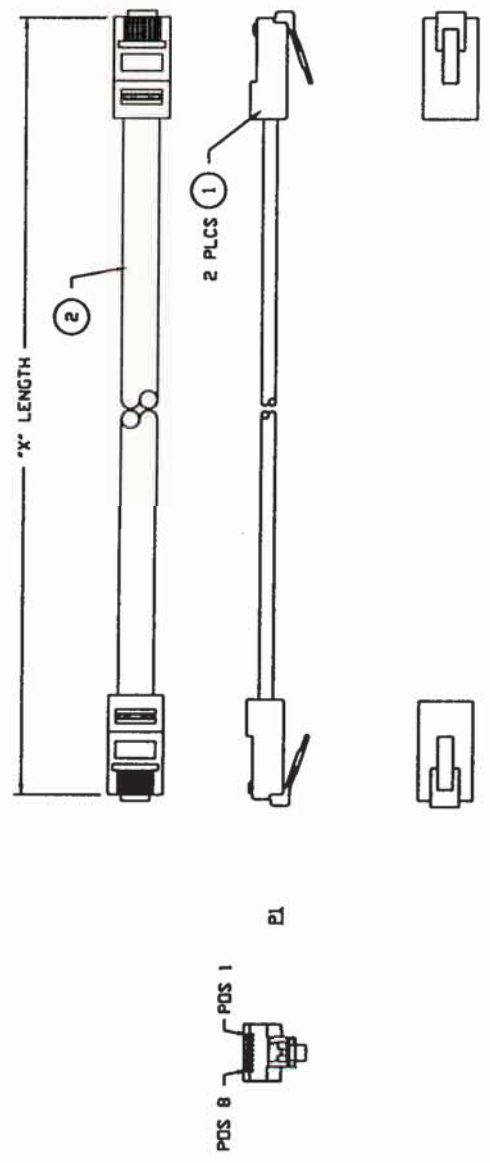
A B C D E F G H

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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 Nemec
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.

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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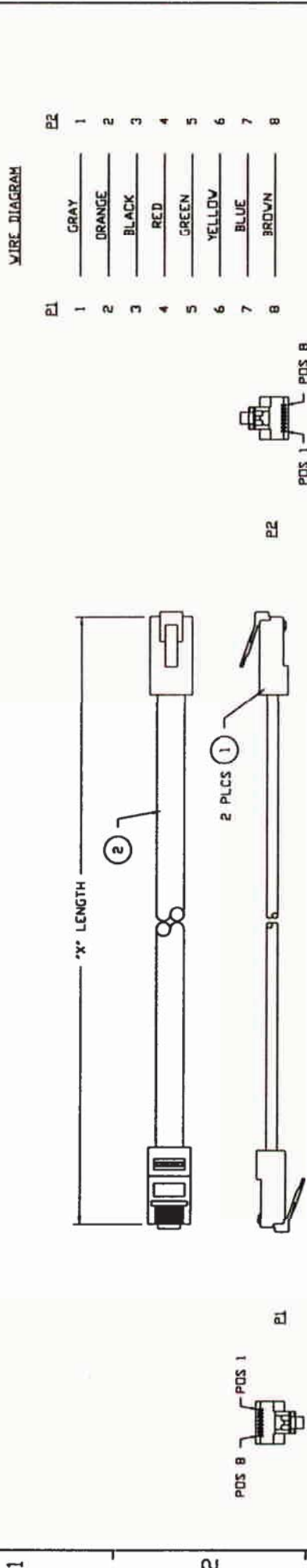
I/O INTERCONNECT
SANTA ANA, CALIFORNIA

THIRD ANGLE PROJECTION

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	DIGI KEY
SCALE: NONE	SHEET 1 OF 1



CUSTOMER APPROVAL

ENGR. SIGN Math Amel

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.

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 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	

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

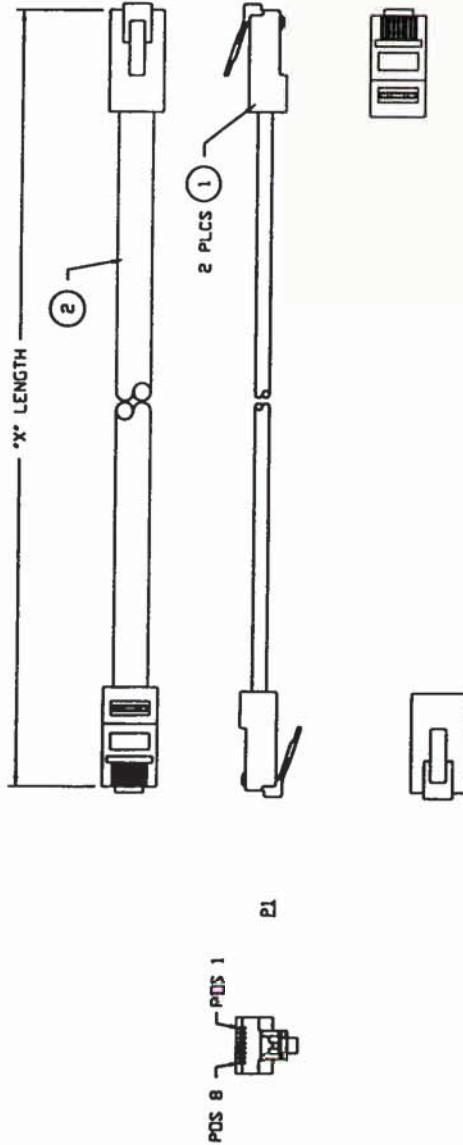
CABLE ASSEMBLY PARTS LIST

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A		B		C		D		E		F		G		H	
DWG. NO.		ZONE		REV.		DESCRIPTION		DATE		CUSTOMER APPROVAL		DATE		APPROVED	
XXB-500-D				X1								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 Y. Matt. Serrano

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.

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

THIRD ANGLE PROJECTION



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

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

I/O INTERCONNECT

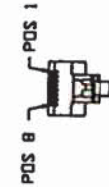
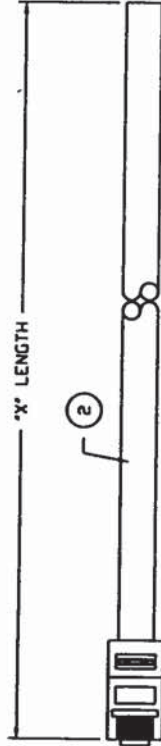
SANTA ANA, CALIFORNIA

TITLE		REV	
BPBP MODULAR, REVERT STYLE, SILVER SATIN, CABLE ASSEMBLY		REV	
PART NO.		REV	
488-XXB-500-D		REV	
488-XXB-500-D		REV	
CUSTOMER		DIGI KEY	
SCALE		NONE	
SHEET		1 OF 1	

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"

THIRD ANGLE PROJECTION



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

TITLE
SANTA ANA, CALIFORNIA

REV.	DATE	BY	CHKD	APP'D
1				
2				
3				
4				
5				
6				
7				
8				

BP8P MODULAR TO OPEN END
BLACK, CABLE ASSEMBLY

PART NO. 488-XXB-521-D
REV. NO. 488-XXB-521-D
CUSTOMER DIGI KEY

SCALE NONE SHEET 1 OF 1

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.

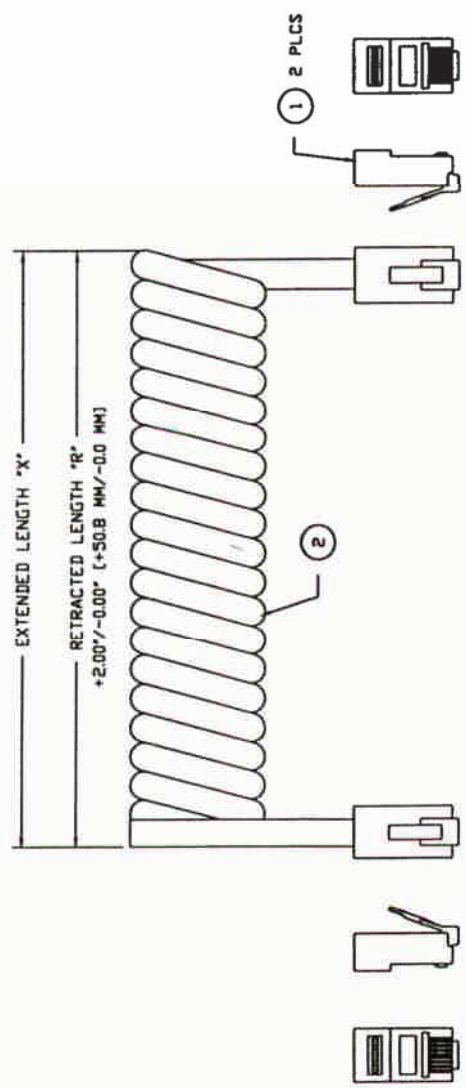
DESCRIPTION

CABLE ASSEMBLY PARTS LIST

5

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

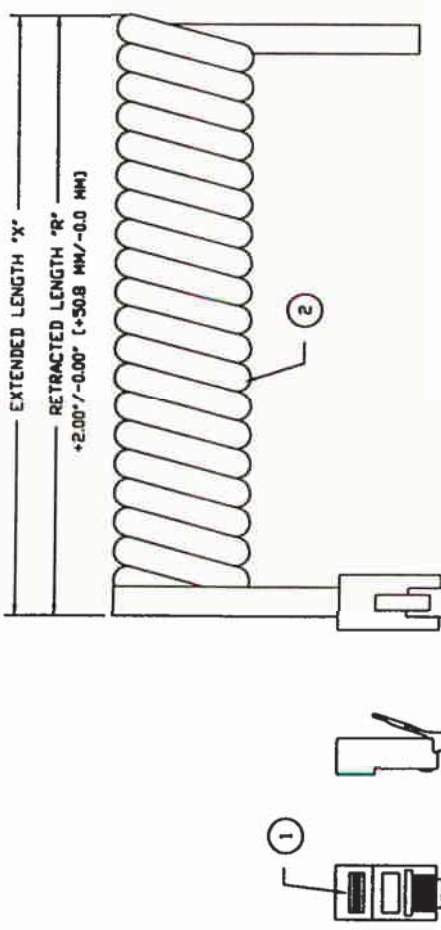
P1	P2
1	GRAY
2	ORANGE
3	BLACK
4	RED
5	GREEN
6	YELLOW
7	BLUE
8	BROWN

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.

2		*X' FT	SEE	"TABULATION BLOCK"	3		MODULAR COIL CABLE, 26 AWG (7/34) BARE COPPER, 8 CONDUCTOR, UNSHIELDED, PVC JACKET, (SEE TABULATION BLOCK FOR COLOR).
1		2 PCS	IDI	325-881-50X	4		CONNECTOR, MODULAR PLUG, 8 POSITION, 8 CONDUCTOR, 50U' AU, FLAT TYPE EXIT.
ITEM	QTY	MFG.	IDI	PART NO.	5		
				DESCRIPTION	CABLE ASSEMBLY PARTS LIST		
				THIRD ANGLE PROJECTION	I/O INTERCONNECT		
				UNLESS OTHERWISE NOTED, 13 DIMENSIONS ARE IN INCHES (MILLIMETER) 25 TOLERANCES: XXX ± 0.25 (6.35)	SANTA ANA, CALIFORNIA		
				SCALE: NONE	SHEET 1 OF 1		

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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"	

TABULATION BLOCK

THIRD ANGLE PROJECTION UNLESS OTHERWISE NOTED, DIMENSIONS ARE IN INCHES (MILLIMETER) TOLERANCES: X.XX ± 0.25 (6.35)		I/O INTERCONNECT SANTA ANA, CALIFORNIA	
ITEM 2 QTY 1 PC		SEE "TABULATION BLOCK" 325-881-50X IOI PART NO.	
DESCRIPTION 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.		SCALE NONE SHEET 1 OF 1	