

# SPS-500 Series

Hybrid ECRs

Account No.: \_\_\_\_\_



## Cable Catalog



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# SPS-500 Series Cable Configurations

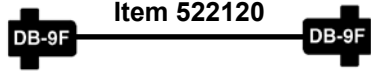
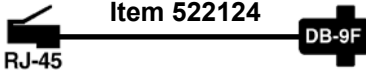
## PC Polling / Communication



COM 3 - 4



COM 1 - 2



ECR		PC	
DCD	1	1	DCD
DSR	2	2	RXD
TXD	3	3	TXD
RXD	4	4	DTR
RTS	5	5	GND
CTS	6	6	DSR
GND	7	7	RTS
DTR	8	8	CTS

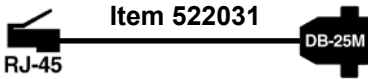
ECR		PC	
DCD	1	1	DCD
RXD	2	2	RXD
TXD	3	3	TXD
DTR	4	4	DTR
GND	5	5	GND
DSR	6	6	DSR
RTS	7	7	RTS
CTS	8	8	CTS
VCC	9	9	RI

# SPS-500 Series Cable Configurations

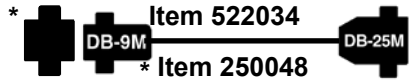
## Modem



COM 3 - 4



COM 1 - 2

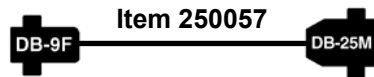


ECR		Modem	
DCD	1	1	chGND
DSR	2	2	TXD
TXD	3	3	RXD
RXD	4	4	RTS
RTS	5	5	CTS
CTS	6	6	DSR
GND	7	7	GND
DTR	8	8	DCD
		20	DTR

ECR		Modem	
DCD	1	1	chGND
RXD	2	2	TXD
TXD	3	3	RXD
DTR	4	4	RTS
GND	5	5	CTS
DSR	6	6	DSR
RTS	7	7	GND
CTS	8	8	DCD
VCC	9	20	DTR
		20	DTR



COM 1 - 2



ECR		Modem	
DCD	1	1	chGND
RXD	2	2	TXD
TXD	3	3	RXD
DTR	4	4	RTS
GND	5	5	CTS
DSR	6	6	DSR
RTS	7	7	GND
CTS	8	8	DCD
VCC	9	20	DTR
		22	RI

# SPS-500 Series Cable Configurations

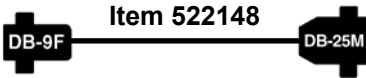
## Ellix Printers



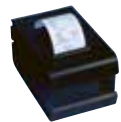
COM 1 - 2



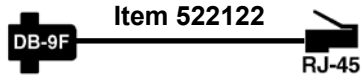
Ellix 30 / 40



COM 1 - 2



Ellix 10



ECR		Printer	
DCD	1	1	NC
RXD	2	2	TXD
TXD	3	3	RXD
DTR	4	4	RTS
GND	5	5	CTS
DSR	6	6	DSR
RTS	7	7	GND
CTS	8	8	DCD
VCC	9	20	DTR

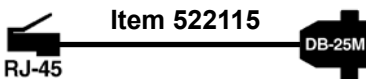
ECR		Printer	
N.C.	1	1	+VCC
RXD	2	2	DSR
TXD	3	3	TXD
DTR	4	4	RXD
SGND	5	5	RTS
DSR	6	6	CTS
RTS	7	7	GND
CTS	8	8	DTR
N.C.	9	9	RI
FGRND			FGND



COM 3 - 4



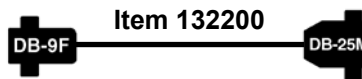
Ellix 20II V



COM 1 - 2



Ellix 20II V



ECR		Printer	
DCD	1	1	chGND
DSR	2	2	TXD
TXD	3	3	RXD
RXD	4	4	RTS
RTS	5	5	CTS
CTS	6	6	DSR
GND	7	7	GND
DTR	8	8	DCD
		20	DTR

ECR		Printer	
DCD	1	1	chGND
RXD	2	2	TXD
TXD	3	3	RXD
DTR	4	4	RTS
GND	5	5	CTS
DSR	6	6	DSR
RTS	7	7	GND
CTS	8	8	DCD
VCC	9	20	DTR

# SPS-500 Series Cable Configurations

## SAM4s Printers



COM 1 - 2



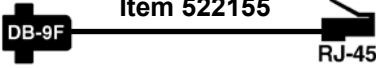
GIANT 100



COM 3 - 4



GIANT 100



ECR		Printer	
N.C.	1	1	+VCC
RXD	2	2	DSR
TXD	3	3	TXD
DTR	4	4	RXD
SGND	5	5	RTS
DSR	6	6	CTS
RTS	7	7	GND
CTS	8	8	DTR
N.C.	9	9	RI
FGRND			FGND

ECR		Printer	
DCD	1	1	+VCC
DSR	2	2	DSR
TXD	3	3	TXD
RXD	4	4	RXD
RTS	5	5	RTS
CTS	6	6	CTS
GND	7	7	GND
DTR	8	8	DTR
	9	9	RI

# SPS-500 Series Cable Configurations

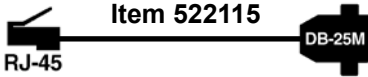
## SNBC Printers



COM 3 - 4



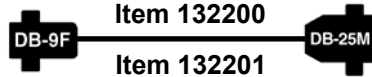
SNBC



COM 1 - 2



SNBC



ECR		Printer	
DCD	1	1	chGND
DSR	2	2	TXD
TXD	3	3	RXD
RXD	4	4	RTS
RTS	5	5	CTS
CTS	6	6	DSR
GND	7	7	GND
DTR	8	8	DCD
		20	DTR

ECR		Printer	
DCD	1	1	chGND
RXD	2	2	TXD
TXD	3	3	RXD
DTR	4	4	RTS
GND	5	5	CTS
DSR	6	6	DSR
RTS	7	7	GND
CTS	8	8	DCD
VCC	9	20	DTR



COM 3 - 4



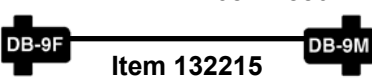
R180II/R980III



COM 1 - 2



R180II/R980III  
R681/R880NPV



ECR		Printer	
DCD	1	1	DCD
DSR	2	2	RXD
TXD	3	3	TXD
RXD	4	4	DTR
RTS	5	5	GND
CTS	6	6	DSR
GND	7	7	RTS
DTR	8	8	CTS
		9	VCC

ECR		Printer	
DCD	1	1	DCD
RXD	2	2	RXD
TXD	3	3	TXD
DTR	4	4	DTR
GND	5	5	GND
DSR	6	6	DSR
RTS	7	7	RTS
CTS	8	8	CTS
VCC	9	9	VCC

# SPS-500 Series Cable Configurations

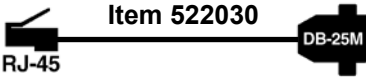
## POS Printers



COM 3 - 4



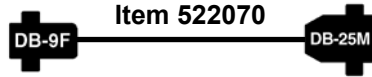
POS Printer



COM 1 - 2



POS Printer



ECR		Printer	
DCD	1	1	chGND
DSR	2	2	TXD
TXD	3	3	RXD
RXD	4	4	RTS
RTS	5	5	CTS
CTS	6	6	DSR
GND	7	7	GND
DTR	8	8	DCD
		20	DTR

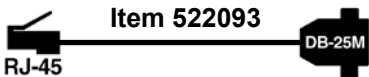
ECR		Printer	
DCD	1	1	chGND
RXD	2	2	TXD
TXD	3	3	RXD
DTR	4	4	RTS
GND	5	5	CTS
DSR	6	6	DSR
RTS	7	7	GND
CTS	8	8	DCD
VCC	9	20	DTR



COM 3 - 4



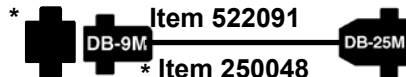
STP-103



COM 1 - 2



STP-103



ECR		Printer	
DCD	1	18	RTX
DSR	2	19	RXD
TXD	3	20	TXD
RXD	4	21	CTS
RTS	5	22	GND
CTS	6	23	
GND	7	24	
DTR	8	25	

ECR		Printer	
DCD	1	18	RTX
RXD	2	19	RXD
TXD	3	20	TXD
DTR	4	21	CTS
GND	5	22	GND
DSR	6	23	
RTS	7	24	
CTS	8	25	
VCC	9		

# SPS-500 Series Cable Configurations

## Pole Displays



COM 3 - 4



ML700



COM 1 - 2



ML700



ECR		ML700	
+V5	1	1	
DSR	2	2	RXD
TXD	3	3	TXD
RXD	4	4	
RTS	5	5	GND
CTS	6	6	DSR
GND	7	7	RTS
DTR	8	8	CTS
		9	VCC

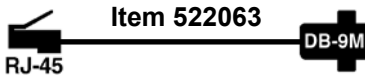
ECR		ML700	
DCD	1	1	VCC
RXD	2	2	
TXD	3	3	TXD
DTR	4	4	RXD
SG	5	5	RTS
DSR	6	6	CTS
RTS	7	7	GD
CTS	8	8	
+V9	9		



COM 3 - 4



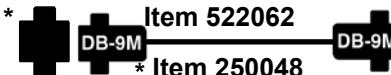
ICD-2002



COM 1 - 2



ICD-2002



ECR		ICD-2002	
DCD	1	1	
DSR	2	2	TXD
TXD	3	3	RXD
RXD	4	4	
RTS	5	5	GND
CTS	6	6	DSR
GND	7	7	
DTR	8	8	

ECR		ICD-2002	
DCD	1	1	
RXD	2	2	TXD
TXD	3	3	RXD
DTR	4	4	
GND	5	5	GND
DSR	6	6	DSR
RTS	7	7	
CTS	8	8	



# SPS-500 Series Cable Configurations

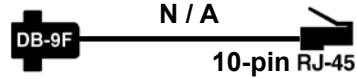
## Scanner / Coin Dispenser



COM 3 - 4



COM 1 - 2



ECR		Scanner	
+5V	1	1	GRD
DSR	2	2	TXD
TXD	3	3	RXD
RXD	4	4	RTS
RTS	5	5	CTS
CTS	6	6	DTR
GND	7	7	N/C
DTR	8	8	LTPN
		9	+5V
		10	Shield

ECR		Scanner	
DCD	1	1	GRD
RXD	2	2	TXD
TXD	3	3	RXD
DTR	4	4	RTS
GND	5	5	CTS
DSR	6	6	DTR
RTS	7	7	N/C
CTS	8	8	LTPN
VCC	9	9	+5V
		10	Shield



COM 3 - 4



COM 1 - 2



ECR		Coin Disp.	
DTR	1	1	
DSR	2	2	
TXD	3	3	
RXD	4	4	
RTS	5	5	TXD
CTS	6	6	RXD
GND	7	7	SG
DTR	8	8	

ECR		Coin Disp.	
DCD	1	1	
RXD	2	2	
TXD	3	3	
DTR	4	4	
GND	5	5	TXD
DSR	6	6	RXD
RTS	7	7	SG
CTS	8	8	
VCC	9		

# SPS-500 Series Cable Configurations

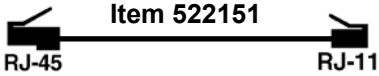
## Detecto Enterprise Series Scales



COM 3 - 4



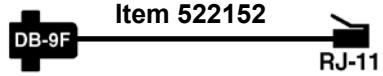
Detecto Scale



COM 1 - 2



Detecto Scale



ECR		Scale	
DCD	1	1	
DSR	2	2	
TXD	3	3	TX
RXD	4	4	RD
RTS	5	5	GND
CTS	6	6	
GND	7	7	
DTR	8	8	

ECR		Scale	
DCD	1	1	
RXD	2	2	
TXD	3	3	TX
DTR	4	4	RD
GND	5	5	GND
DSR	6	6	
RTS	7	7	
CTS	8	8	
VCC	9		

# SPS-500 Series Cable Configurations

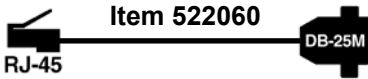
## CAS PD-II Series Scales



COM 3 - 4



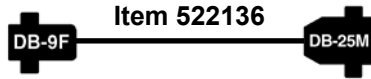
CAS PD-II



COM 1 - 2



CAS PD-II



ECR		Scale	
+VCC	1	1	
DSR	2	2	
TXD	3	3	
RXD	4	4	
RTS	5	5	TXD
CTS	6	6	RXD
GND	7	7	
DTR	8	8	
		23	GND

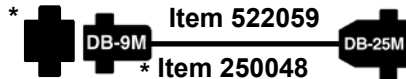
ECR		Scale	
DCD	1	1	
RXD	2	2	
TXD	3	3	
DTR	4	4	
GND	5	5	TXD
DSR	6	6	RXD
RTS	7	7	
CTS	8	8	
		23	GND



COM 1 - 2



CAS PD-II



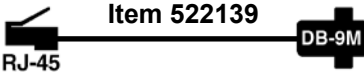
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DCD	1	1	
RXD	2	2	
TXD	3	3	
DTR	4	4	
GND	5	5	TXD
DSR	6	6	RXD
RTS	7	7	
CTS	8	8	
		23	GND

# SPS-500 Series Cable Configurations

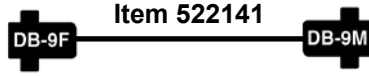
## CAS SW Series Scales



COM 3 - 4 CAS SW Series



COM 1 - 2 CAS SW Series

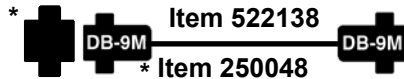


ECR		Scale	
DCD	1	1	
DSR	2	2	TXD
TXD	3	3	RXD
RXD	4	4	
RTS	5	5	
CTS	6	6	
GND	7	7	GND
DTR	8	8	

ECR		Scale	
DCD	1	1	
RXD	2	2	TXD
TXD	3	3	RXD
DTR	4	4	
GND	5	5	
DSR	6	6	
RTS	7	7	GND
CTS	8	8	
VCC	9	9	



COM 1 - 2 CAS SW Series



ECR		Scale	
DCD	1	1	
RXD	2	2	TXD
TXD	3	3	RXD
DTR	4	4	
GND	5	5	
DSR	6	6	
RTS	7	7	GND
CTS	8	8	
VCC	9	9	

# SPS-500 Series Cable Configurations

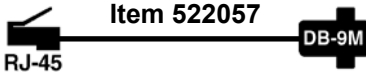
## NCI 6710/6720 Scales



COM 3 - 4



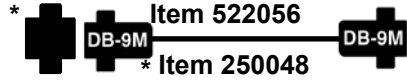
NCI 6710/6720



COM 1 - 2



NCI 6710/6720



ECR		Scale	
DCD	1	1	
DSR	2	2	TXD
TXD	3	3	RXD
RXD	4	4	
RTS	5	5	GND
CTS	6	6	
GND	7	7	
DTR	8	8	

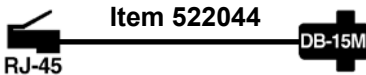
ECR		Scale	
DCD	1	1	
RXD	2	2	TXD
TXD	3	3	RXD
DTR	4	4	
GND	5	5	GND
DSR	6	6	
RTS	7	7	
CTS	8	8	
ShieldFR	9	9	



COM 3 - 4



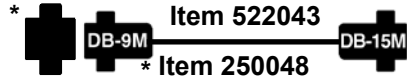
NCI 6710/6720



COM 1 - 2



NCI 6710/6720



ECR		Scale	
DCD	1	1	RXD
DSR	2	2	TXD
TXD	3	3	GND
RXD	4	4	
RTS	5	5	
CTS	6	6	
GND	7	7	
DTR	8	8	

ECR		Scale	
DCD	1	1	RXD
RXD	2	2	TXD
TXD	3	3	GND
DTR	4	4	
GND	5	5	
DSR	6	6	
RTS	7	7	
CTS	8	8	
ShieldFR	9	9	

# SPS-500 Series Cable Configurations

## NCI 4100 Scales



COM 3 - 4



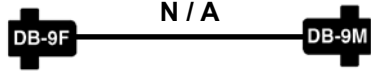
NCI 4100



COM 1 - 2



NCI 4100

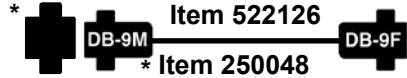
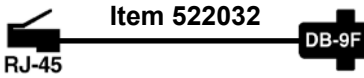


ECR		Scale	
+VCC	1	1	GND
DSR	2	2	
TXD	3	3	TXD
RXD	4	4	
RTS	5	5	
CTS	6	6	
GND	7	7	
DTR	8	8	
		9	RXD

ECR		Scale	
DCD	1	1	GND
RXD	2	2	
TXD	3	3	TXD
DTR	4	4	
GND	5	5	
DSR	6	6	
RTS	7	7	
CTS	8	8	
		9	RXD

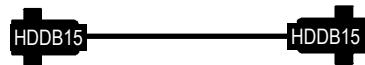
# SPS-500 Series Cable Configurations

## E-PAD Kitchen Video



ECR		E-PAD	
DCD	1	1	DCD
DSR	2	2	RXD
TXD	3	3	TXD
RXD	4	4	DTR
RTS	5	5	GND
CTS	6	6	DSR
GND	7	7	RTS
DTR	8	8	CTS
		9	RI

ECR		E-PAD	
DCD	1	1	DCD
RXD	2	2	RXD
TXD	3	3	TXD
DTR	4	4	DTR
GND	5	5	GND
DSR	6	6	DSR
RTS	7	7	RTS
CTS	8	8	CTS
VCC	9	9	VCC



- VGA Cables Molded**
- | Item No. | Feet      |
|----------|-----------|
| 250009   | 10' (14C) |
| 250010   | 25' (15C) |
- VGA Extension Cables**
- |        |     |
|--------|-----|
| 522042 | 25' |
| 522040 | 50' |
- Super VGA Cables**
- |        |           |
|--------|-----------|
| 250053 | 6' (M/F)  |
| 250054 | 6' (M/M)  |
| 250055 | 10' (M/M) |

E-PAD		Monitor	
BLUE	1	1	BLUE
GREEN	2	2	GREEN
RED	3	3	RED
GND	4	4	GND
GND	5	5	GND
GND	6	6	GND
GND	7	7	GND
GND	8	8	GND
GND	10	10	GND
HSYNC	13	13	HSYNC
VSYNC	14	14	VSYNC

# SPS-500 Series Cable Configurations

## DataTran



COM 3 - 4



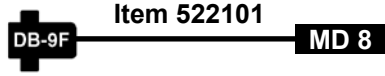
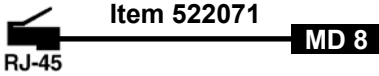
DataTran



COM 1 - 2



DataTran



DataTran

MD 8

MD 8

MD 8

MD 8



IPTran

3' or 6'

15' or 25' or 50'

Item No.

522104

522114

Feet

3'

6'

Item No.

522107

522108

522109

Feet

15'

25'

50'



DataTran



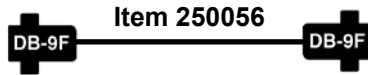
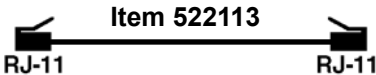
Veriphone



COM 1 - 2



PC w/IPenabler

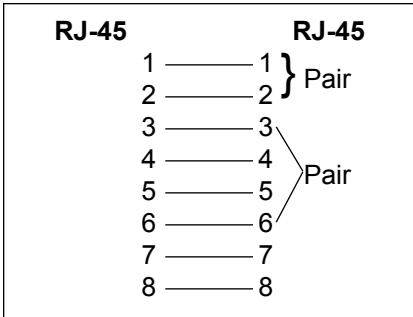
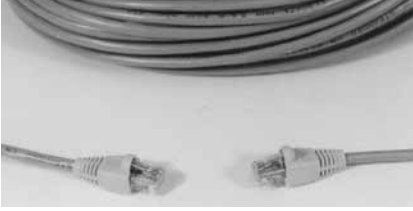


ECR			PC	
DCD	1		1	DCD
RXD	2		2	RXD
TXD	3		3	TXD
DTR	4		4	DTR
GND	5		5	GND
DSR	6		6	DSR
RTS	7		7	RTS
CTS	8		8	CTS
SHELL			SHELL	SHELL

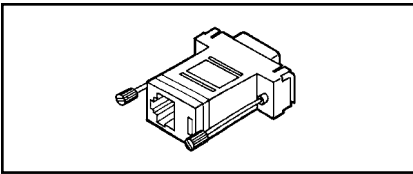


# SPS-500 Series Cable Configurations

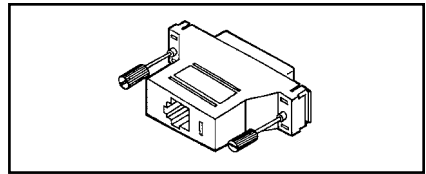
## Ethernet Patch Cable / Modular Adaptors



Straight Through Cable	
Item No.	Feet
250125.....	5'
250126.....	10'
250127.....	15'
250128.....	25'
250129.....	50'
250130.....	100'



Item 202763 RJ45 – DB9M



Item 202768 RJ45 – DB25M



### 8 Wire RJ45 – DB9

- 1 Blue
- 2 Orange
- 3 Black
- 4 Red
- 5 Green
- 6 Yellow
- 7 Brown
- 8 White/Gray

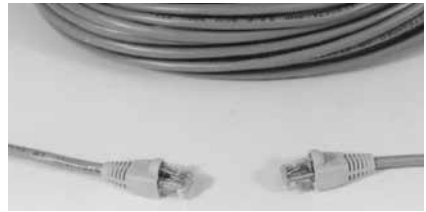


### 8 Wire RJ45 – DB25

- 1 Blue
- 2 Orange
- 3 Black
- 4 Red
- 5 Green
- 6 Yellow
- 7 Brown
- 8 White/Gray

# SPS-500 Series Cable Configurations

## Ethernet Patch Cable / IRC / Ethernet Switches



RJ-45		RJ-45	
1	—	3	} Pair
2	—	6	
3	—	1	} Pair
6	—	2	
4	—	4	
5	—	5	
7	—	7	
8	—	8	

### Cross Over Cable

Item No.	Feet
<b>250071</b> .....	1'
<b>250042</b> .....	5'
<b>250043</b> .....	10'
<b>250044</b> .....	15'
<b>250045</b> .....	25'
<b>250046</b> .....	50'
<b>250047</b> .....	100'



### Ethernet Switches

- Recommended Switches For SAM4s IRC Installations with 3 or More Registers
- High-Speed 10/100 Switching For Your Network

#### Item No.

- 140114** 5-Port Auto-Switching
- 140115** 8-Port Auto-Switching

RJ-45		RJ-45	
1	—	1	} Pair
2	—	2	
3	—	3	} Pair
4	—	4	
5	—	5	
6	—	6	
7	—	7	
8	—	8	

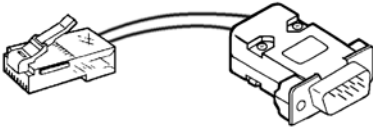
### Straight Through Cable

Item No.	Feet
<b>250070</b> .....	1'
<b>250036</b> .....	5'
<b>250037</b> .....	10'
<b>250038</b> .....	15'
<b>250039</b> .....	25'
<b>250040</b> .....	50'
<b>250041</b> .....	100'

# SPS-500 Series Cable Configurations

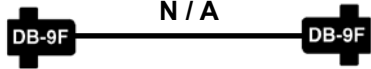
## RJ45 – DB9M Adaptor

## Berg Liquor



Item 522119

COM 1 - 2



RJ-45		DB-9M	
DCD	1	1	DCD
DSR	2	2	RXD
TXD	3	3	TXD
RXD	4	4	DTR
RTS	5	5	GND
CTS	6	6	DSR
GND	7	7	CTS
DTR	8	8	RTS
		9	VCC

ECR		Berg Liq.	
	1	1	
RXD	2	2	RXD
TXD	3	3	TXD
DTR	4	4	DTR
GND	5	5	GND
DSR	6	6	DSR
RTS	7	7	CTS
CTS	8	8	RTS

# **SPS-500 Series Cable Configurations**

## **Notes**