

**TITLE**  
CABLE, M8 MALE,  
B-CODE, 5/C,  
UN-TERMINATED, 26 AWG, HIGH FLEX

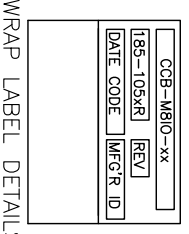
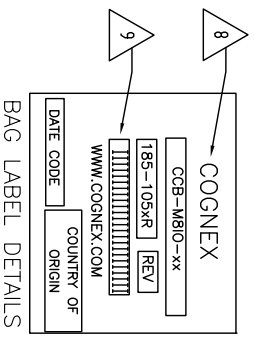
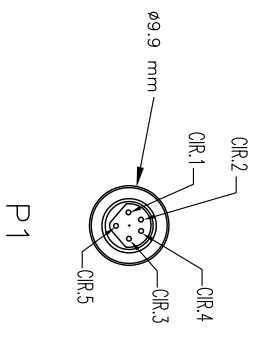
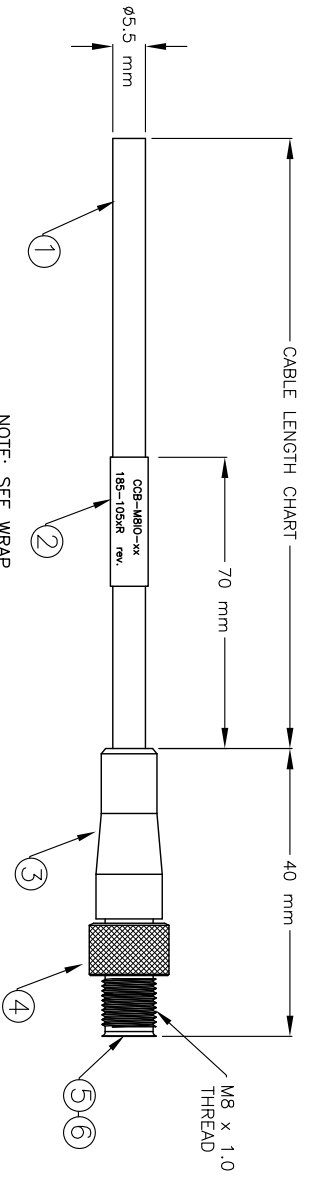
<b>DRAWING NUMBER</b>	SEE CHART	<b>Rev:</b> 1/31/2014
<b>SCALE</b>	N/A	<b>PRODUCT ID</b>
<b>SHEET</b>	1	<b>of</b> 2
<b>ORIGINATOR</b>	C. Griffith	<b>DATE</b>
<b>CHECKED BY</b>		1/31/2014
<b>APPROVED</b>		
<b>MAT'L.</b>	SEE LIST / SPEC.	
<b>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES OR BETTER</b>		
<b>TOLERANCES ARE:</b>	<b>DECIMALS</b>	<b>ANGLES</b>
<b>FRACTIONS</b>	.xx REF	N/A
<b>REF.</b>	.xxx REF	

DRAWING #	CABLE LENGTH	PRODUCT ID
185-1051R	.6M +45mm-0mm (2)	CCB-M8IO-00
185-1052R	2M +89mm-0mm (6'7")	CCB-M8IO-02
185-1053R	5M +165mm-0mm (16'5")	CCB-M8IO-05
185-1054R	10M +318mm-0mm (32'10")	CCB-M8IO-10
185-1055R	15M +622mm-0mm (49'2")	CCB-M8IO-15

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REV.	DESCRIPTION	DWN.	DATE
1/24	RELEASE FOR QUOTE ONLY	CBG	1/31/2014

THIS DRAWING IS FOR  
REFERENCE ONLY  
DO NOT USE FOR PRODUCTION



P1	WIRE
CIR.1	BROWN
CIR.2	WHITE
CIR.3	BLUE
CIR.4	BLACK
CIR.5	GRAY

ITEM	QTY	DESCRIPTION	MATERIAL	FINISH
1	A/R	CABLE, 5/C, 26 AWG	TPE JACKET	YELLOW
2	1	WRAP LABEL	PLASTIC FILM	BLACK/YELLOW
3	1	OVERMOLD, STRAIN RELIEF	PVC	YELLOW
4	1	COUPLING RING, EXT. THREAD	BRASS	NICKLE PLATING
5	1	INSERT, MALE, 5-POS, B-CODE	PUR	YELLOW
6	5	CONTACT PINS	BRASS	GOLD PLATING

- NOTES:**
1. THIS CABLE MUST BE MADE FROM UL AND CSA RECOGNIZED OR LISTED PARTS.
  2. THIS CABLE MUST BE SUPPLIED BY A UL AND CSA APPROVED VENDOR AND MUST BE SHIPPED IN THE APPROPRIATELY MARKED CONTAINERS.
  3. THIS DELIVERABLE MUST COMPLY WITH THE EU ROHS DIRECTIVE THAT RESTRICTS THE USE OF HAZARDOUS SUBSTANCES AS DEFINED IN THE COGNEX STANDARD S707.
  4. SEE CONNECTOR VIEWS FOR PIN ORIENTATIONS.
  5. HIGH POT TEST AND VERIFY CONTINUITY ON ALL CONDUCTORS.
  6. CABLE TO BE COILED AND PACKAGED IN AN 8" X 10" CLEAR PLASTIC BAG.
  7. COGNEX LOGO FONT: EUROSTILE EXT2
  8. BARCODE CONTENT: 185- per chart  
BARCODE TYPE: 128 6MM HIGH (MIN)

**COGNEX**<sup>®</sup>

1 VISION DRIVE, MATOK, MA 01760

CABLE, M8 MALE,

B-CODE, 5/C,

UN-TERMINATED, 26 AWG, HIGH FLEX

DRAWING NUMBER

SEE CHART Rev: 1/31/2014

PRODUCT ID

SEE PAGE 1 CHART

SCALE N/A

ORIGINATOR

C. Griffith

DATE

1/31/2014

CHECKED BY

APPROVED

MATERIAL SEE LIST / SPEC.

UNLESS OTHERWISE SPECIFIED  
ALL SURFACE FINISHES 32 MICRO -  
DIMENSIONS ARE IN INCHES  
TOLERANCES ARE:  
FRACTIONS .XX REF  
DECIMALS .XXX REF  
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SIZE

E.C.O REV. 1/24 RELEASE FOR QUOTE ONLY DWN DATE 1/31/2014

## REVISIONS

DESCRIPTION DWN DATE

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Component	Item	Detail
M8-5 Connector	Nut	Material Brass
B-code	Plating	Nickel
	Size (knurl length)	6.8mm
	Material	Brass
	Plating	Gold plate
	Type	IEC
	Type	B-code
	Material	Nylon
	Material	PVC
	Length	23mm
	Type	High Flex
	UL Style	NA
	Jacket material	TPE
	Jacket thickness	1.2mm
	Overall Diameter	5.2mm
	Jacket color	Yellow
	Wire	26AWG
	Pairs	Not Paired
	Cond insulation material	PVC
	Conductor Diameter	1.1mm
	Stranding	19 / 38AWG
	Current rating	2A
	Voltage rating	60vac / 75vdc
	Operating temp	-0°C to 105°C
	Linear Bend Cycle rating	10,000K
	Torsional Cycle rating	10,000K
	Compliance (elect)	UL & CSA comp parts
	Compliance (env)	Rohs
	Flame Rating	IEC 60332-1-2
	Moisture protection	IP67
Cable Assembly	Performance	