

8

7

6

5

4

3

2

1

Part Number	Length (Meters)	REVISIONS							
		REV	ZONE	ECO	DESCRIPTION	DATE	BY	CHK	APPR
		A1	-	-	TECHNICAL DATA SHEET RELEASE	20-JULY-17	RO	-	-

CA0911B800801012

1 (3.28 FEET)

CA0911B800802012

2 (6.56 FEET)

CA0911B800803012

3 (9.84 FEET)

CA0911B800805012

5 (16.40 FEET)

CA0911B800807012

7 (22.96 FEET)

CA0911B800810012

10 (32.80 FEET)

CA0911B800813012

13 (42.65 FEET)

CA0911B800815012

15 (49.21 FEET)

LENGTH (Mxx)

70.5MM (2.77 in)

25.4MM SCREEN (1")

76.2MM (3")

CA0911B8008XX012

() METERS

WWW.AMPHENOL-SINE.COM

FEMALE CONNECTOR PLUG

1

2

3

4

5

6

7

8

FACE VIEW

CAN BE USED WITH MATING
MALE RECEPTACLE #
CA0911G118005

CONTACT YOUR
DISTRIBUTOR FOR OTHER
MATING OPTIONS

1

2

3

4

5

6

7

8

BLACK (22 AWG)

RED (22 AWG)

WHITE (22 AWG)

GREEN (22 AWG)

BROWN (22 AWG)

BLUE (22 AWG)

ORANGE (22 AWG)

YELLOW (22 AWG)

WIRING DIAGRAM

TOLERANCE

0-2.99 M = +100.0/-25.0mm	0-9.99 FT = +4" / -1"
3-8.99 M = +150.0/-25.0mm	10.00-29.99 FT = +6" / -1"
9-14.99 M = +300.0/-25.0mm	30.00-49.99 FT = +12" / -1"
15-OVER M = +450.0/-25.0mm	50 FT-OVER = +18" / -1"

INDUSTRIAL@AMPHENOL

TRUSTED GLOBALLY

TECHNICAL DATA:

1) MATERIALS:

COUPLING NUT: ZINC DIE CAST

INSULATION INSERT: THERMOPLASTIC

CONTACT: SILVER PLATED

OVERMOLD MATERIAL: THERMOPLASTIC COLOR: BLACK

CABLE RATING: UL LISTED, UL RECOGNIZED AWM STYLE AND CSA CERTIFIED, AWM 2517 105°C 300V

CABLE JACKET MATERIAL: PVC COLOR: BLACK

BENDING RADIUS: 0.260"

CONDUCTOR INSULATION: SR-PVC

NUMBER OF CONDUCTORS: (8) 22AWG

2) CONNECTOR ELECTRICAL DATA:

CURRENT (MAX): 7A AT 40°C

VOLTAGE (MAX): 250V AC/DC PER UL 1977

INSULATION RESISTANCE: 100M OHMS PER IEC 60512-3-1

RATED IMPULSE WITHSTAND VOLTAGE: 1200V PER IEC 60664-1

3) CONNECTOR MECHANICAL DATA:

TEMPERATURE RANGE: -25°C TO +100°C

PROTECTION: IP68 (MATED CONDITION)

MATING CYCLES: >500

4) RoHS COMPLIANT

QUANTITY

UNLESS OTHERWISE SPECIFIED:

1) All dimensions are in metric(mm).

2) Tolerances are as follows:

1 PL DEC ±0.30

2 PL DEC ±0.15

3 PL DEC ±0.08

3) Note reference =

SIGNATURES

DATE

DRAWN: RO 6-JUNE-17

CHECKED: AA 8-JUNE-17

ENGINEER: RO

APPROVAL: WS 13-JUNE-17

MATERIAL SPECIFICATIONS:

PROCESS SPECIFICATIONS:

IPC-WHMA-A-620

NEXT ASSY:

CUSTOMER:

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Part Number

Description

Item

Quantity

Material List

Amphenol

Sine Systems - www.amphenol-sine.com

44724 Morley Drive

Clinton Township, MI 48036

C091 (M16) 8 POS CIRCULAR MOLDED, STD. STRAIN RELIEF, FEMALE TO LEADS, 22AWG

Size

Type

DWG NO.

Revision

C-

CA0911B8008XX012

A1

Scale

Half

CA0911B8008XX012

Sheet

1

Of

1