# WATERPROOF R3C MALE

## 2.6/50S CABLE

# R197.135._11

Series : **SMB CARLOCK**

Ø3,6   Ø13,5

33,8

9,4

10,1

R280.197.055
(Cap)

R280.197.053
(Cap O-ring)

R280.197.058
(Cable seal)

R280.197.056
(Sleeve)

R197.135._90
(Housing)

SCALE: 1/1

To obtain the complete P/N please fill in the blank "_" with the coding letter
Coding Z is shown for information

All dimensions are in mm.
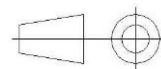
| COMPONENTS | MATERIALS | UL CLASSIFICATION | COLOR | PACKAGING |
|---|---|---|---|---|
| HOUSING | POLYAMIDE | UL 94 V-2 | See Page2 | In bulk on cardbox / Qty:3000 |
| SLEEVE | POLYAMIDE | UL 94 V-2 | YELLOW | In bulk on plastic bag / Qty:16000 |
| CABLE SEAL | SILICON | | RED | In bulk on plastic bag / Qty:50000 |
| CAP O-RING | HNBR | | BLACK | In bulk on plastic bag / Qty:24000 |
| CAP | POLYAMIDE | UL 94 V-2 | YELLOW | In bulk on plastic bag / Qty:14000 |

### MECHANICAL CHARACTERISTICS

Mating life **50** Cycles mini
Weight **2.62** g

### ENVIRONMENTAL

Operating temperature **-40/+105** ° C
Waterproof level IP67

**Note: IP67 guaranteed with connector R299.197.000 and RG174 cable only. Waterproof only guaranteed with a waterproof Jack.**

**Issue :** 1630A
In the effort to improve our products, we reserve the right to make changes judged to be necessary.
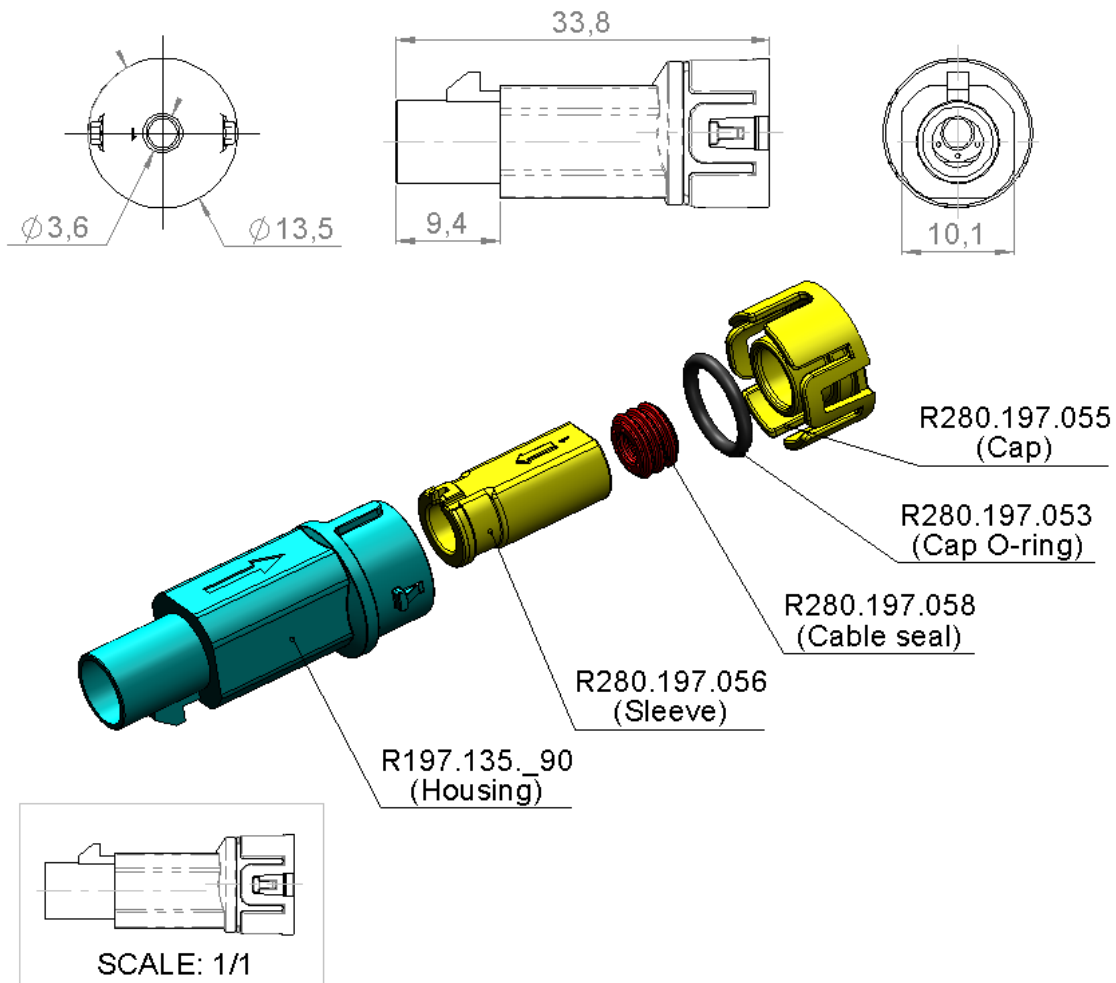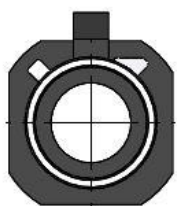
**RAYDIALL**
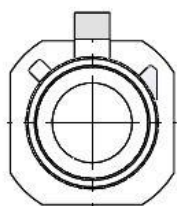**AUTOMOTIVE**

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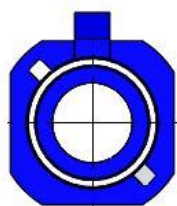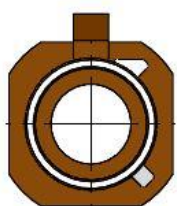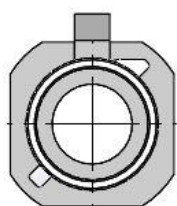**-To obtain the complete P/N please fill in the blank "_" with the coding letter**

A   B   C   D   E
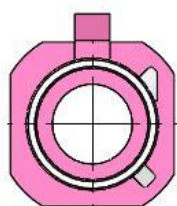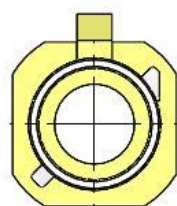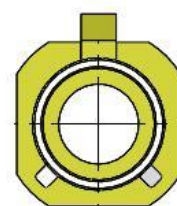
F   G   H   I   K
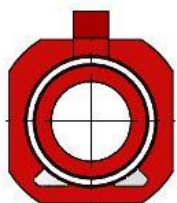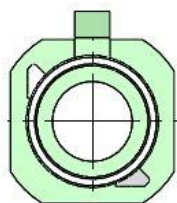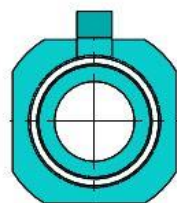
L   M   N   Z

| CODING | REFERENCE | COLOR | RAL |
|--------|-----------|-------|-----|
| **A** | **R197.135.A11** | **BLACK** | **9005** |
| **B** | **R197.135.B11** | **CREAM WHITE** | **9001** |
| **C** | **R197.135.C11** | **BLUE** | **5005** |
| **D** | **R197.135.D11** | **BORDEAUX** | **4004** |
| **E** | **R197.135.E11** | **GREEN** | **6002** |
| **F** | **R197.135.F11** | **BROWN** | **8011** |
| G | R197.135.G11 | GREY | 7031 |
| **H** | **R197.135.H11** | **VIOLET** | **4003** |
| I | R197.135.I11 | BEIGE | 1001 |
| **K** | **R197.135.K11** | **CURRY** | **1027** |
| L | R197.135.L11 | CARMIN | 3002 |
| M | R197.135.M11 | PASTEL ORANGE | 2003 |
| N | R197.135.N11 | PASTEL GREEN | 6019 |
| Z | R197.135.Z11 | WATER BLUE | 5021 |

Note: coding references in bold are available; other coding must be developed.

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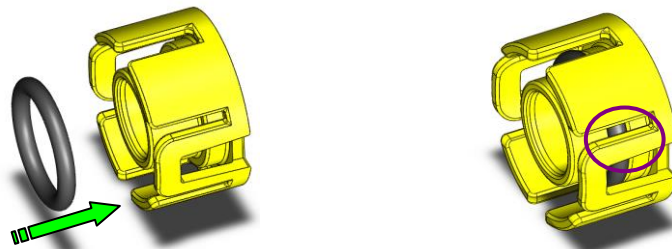| WATERPROOF R3C MALE | **R197.135._11** |
|---|---|
| **2.6/50S CABLE** | Series : **SMB CARLOCK** |

-**Storage condition**: components should be stored indoors, in its original packaging (box + plastic bag), in a controlled climate environment not exceeding -20°C/+40°C and 60% relative humidity. Components should be protected from direct sunlight and should be used on a "first-in, first-out" basis.

-**Shelf Life**: it is recommended that housing be used within 1 year from the date of manufacture when stored according to the recommended storage condition.
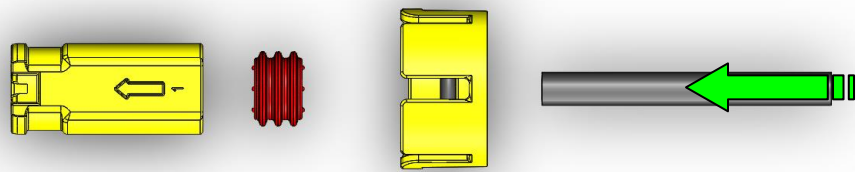
## *RECOMMENDED MOUNTING PROCEDURE*

**Note: Before assembly, verify that the cable o-ring is not damaged or cutted.**

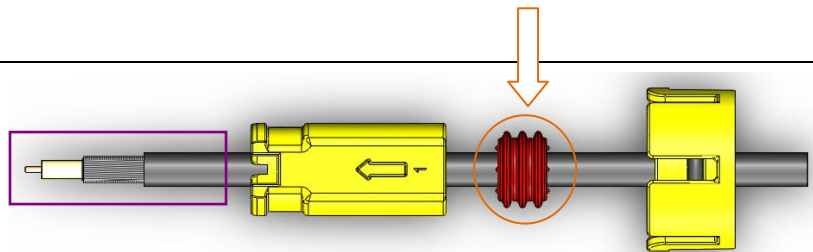| | |
|---|---|
| **1**    **Insert the cap o-ring onto the cap until is in contact at the bottom of the cap.** |  |
| **2**    **Insert the cable (Ø3.0max) through the cap, the cable seal and the sleeve.** |  |

**Note : after insertion of the components, do not insert the cable seal inside the cap before R3C crimping**

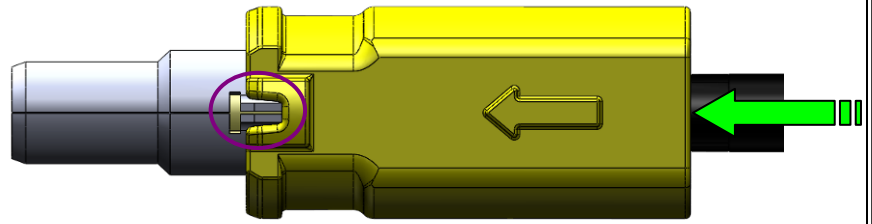| | |
|---|---|
| **3**    **Strip the cable according the R3C recommendations.** |  |
| **4**    **Crimp the R3C male connector onto the cable.** |  |

RAYDIALL
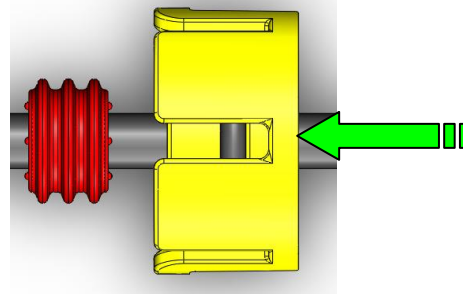AUTOMOTIVE
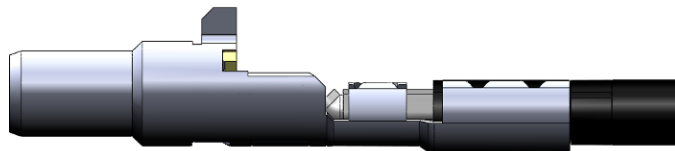
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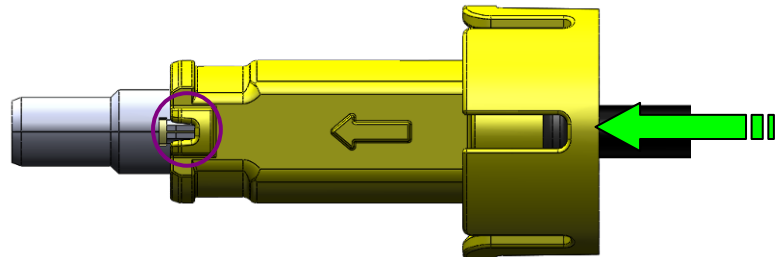
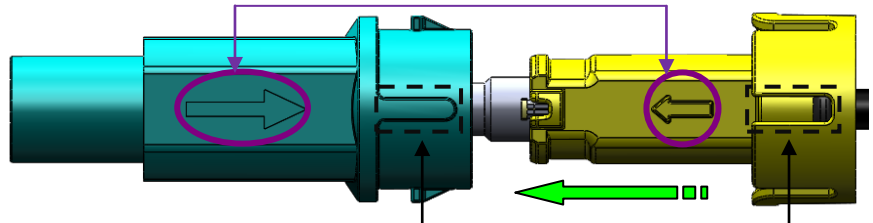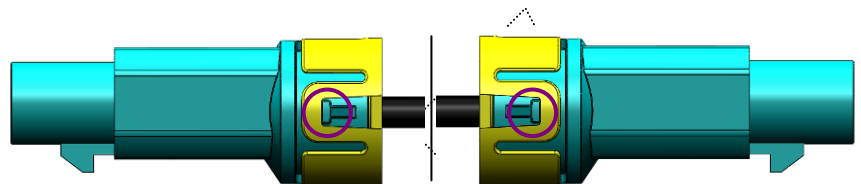| | |
|---|---|
| **5**     **Push the sleeve until the tab of the connector is inside the slot of the sleeve.** |  |
| **6**     **Push the cap to insert the cable seal inside it. Verify that the cable o-ring was not damaged during stripping and crimping operations.** |  |
| **7**     **Push the cap with the cable seal, until the cap is in contact with the sleeve.** |  |
| **8**     **Aligned the arrow of the sleeve with the arrow of the housing, and the slots of the cap with ribs of the housing.** |  |
| **9**     **Then insert the connector with the sleeve and the cap into the housing until the cap is locked onto the housing (each side).** |  |

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