

# COAXIAL CONNECTOR, BMA, 50 Ohm, Straight bulkhead cable plug (male)

14\_BMA-50-1-15/111\_N

## Properties

- Offers a range of floating configurations
- High reliability and ease of assembly
- Intermatable with the OSP connectors series
- Applicable in frequencies up to 18 GHz



## Product configuration

|                |        |                               |
|----------------|--------|-------------------------------|
| Interface type | Gender | Standard                      |
| BMA            | plug   | IEC 60169-33_MIL-STD-348A/321 |

## Interface and material data

| Piece parts     | Material                 | Plating                           |
|-----------------|--------------------------|-----------------------------------|
| Centre contact  | Copper Beryllium / Brass | Gold Plating (Nickel underplated) |
| Outer conductor | Copper Beryllium Alloy   | Gold Plating (Nickel underplated) |
| Body            | Copper Beryllium Alloy   | Gold Plating (Nickel underplated) |
| Insulator       | PFA / PTFE               |                                   |
| Gasket          | NR (Natural Rubber)      |                                   |
| Fastening nut   | Brass                    | Gold Plating                      |
| Washer          | Bronze                   | Gold Plating                      |

## Electrical data

|                     |             |
|---------------------|-------------|
| Impedance           | 50 $\Omega$ |
| Interface frequency | 18 GHz      |

## Mechanical data

|                            |           |
|----------------------------|-----------|
| Weight                     | 0.0032 kg |
| Mating cycles              | 1000      |
| Cable entry centre contact | plugged   |
| Cable entry outer contact  | soldered  |

## Environmental data

|                       |                   |
|-----------------------|-------------------|
| Operation temperature | -65 °C ... 125 °C |
|-----------------------|-------------------|

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| Ordering Information Table |                       |                |
|----------------------------|-----------------------|----------------|
| Item number                | Item description      | Packaging type |
| 22646663                   | 14_BMA-50-1-15/111_NE | Single         |
|                            |                       |                |
| Suitable cables            |                       |                |
| Cable group                | Y2 - 1 mm / 50 Ohm    |                |
|                            | Y15 - 1 mm / 50 Ohm   |                |
| Suitable cables            | SUCOFORM_47_CU        |                |
|                            | SR_47_TP_M17          |                |
|                            |                       |                |
| Additional Information     |                       |                |
| Only as assembly           | No                    |                |

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