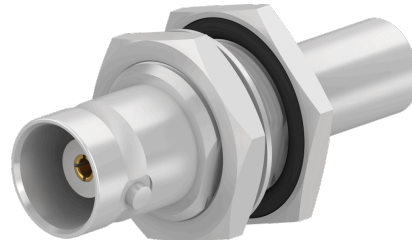


# COAXIAL CONNECTOR, BNC, 50 Ohm, Straight bulkhead cable jack (female)

24\_BNC-50-4-10/133\_N

## Properties

- Useful for frequently coupled and uncoupled connections
- Available for 50 ohm and 75 ohm applications
- Applicable in frequencies up to 4 GHz



## Product configuration

|        |                                         |
|--------|-----------------------------------------|
| Gender | Standard                                |
| jack   | IEC 61169-8_MIL-STD-348A/301_CECC 22120 |

## Interface and material data

| Piece parts     | Material                       | Plating                           |
|-----------------|--------------------------------|-----------------------------------|
| Centre contact  | Copper Beryllium Alloy         | Gold Plating (Nickel underplated) |
| Outer conductor | Brass                          | SUCOPLATE (R) Plating             |
| Body            | Brass                          | SUCOPLATE (R) Plating             |
| Insulator       | PTFE (Polytetrafluoroethylene) |                                   |
| Gasket          | VMQ (Silicone rubber)          |                                   |
| Fastening nut   | Brass                          | SUCOPLATE (R) Plating             |
| Washer          | Bronze                         | SUCOPLATE (R) Plating             |
| Crimp ferrule   | Copper                         | SUCOPLATE (R) Plating             |

## Electrical data

|                     |             |
|---------------------|-------------|
| Impedance           | 50 $\Omega$ |
| Interface frequency | 4 GHz       |

## Electrical Data (frequency related)

| Frequency range   | Return loss | VSWR  |
|-------------------|-------------|-------|
| 0.1 GHz ... 2 GHz | 38 dB       | 1.025 |
| 2 GHz ... 4 GHz   | 32.5 dB     | 1.049 |

## Mechanical data

|                            |           |
|----------------------------|-----------|
| Weight                     | 0.0181 kg |
| Mating cycles              | 500       |
| Cable entry centre contact | crimped   |

**COAXIAL CONNECTOR, BNC, 50 Ohm, Straight bulkhead cable jack (female)**

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| Mechanical data           |         |
|---------------------------|---------|
| Cable entry outer contact | crimped |

| Environmental data    |                   |
|-----------------------|-------------------|
| Operation temperature | -65 °C ... 165 °C |

| Material compliance |                                   |                                 |                      |
|---------------------|-----------------------------------|---------------------------------|----------------------|
| Item number         | Directive / Regulation            | Rating                          | Exemptions / Details |
| 85071247            | RoHS 2011/65/EU and (EU) 2015/863 | Compliant with exemption        | 6c                   |
|                     | REACH 1907/2006 Article 33 SVHC   | Contains one or more SVHC >0,1% | CAS: 7439-92-1 Lead  |

| Ordering Information Table |                       |                |
|----------------------------|-----------------------|----------------|
| Item number                | Item description      | Packaging type |
| 85071247                   | 24_BNC-50-4-10/133_NE | Single         |

| Suitable cables |                     |
|-----------------|---------------------|
| Cable group     | X34 - 4 mm / 50 Ohm |
|                 | X28 - 4 mm / 50 Ohm |
| Suitable cables | SPUMA_240           |
| Suitable cables | SPUMA_240-RS-FR     |
|                 | SPUMA_240-UF        |
|                 | SPUMA_240-FR-01     |
|                 | SPUMA_240-FR-AM     |

| Additional Information |    |
|------------------------|----|
| Only as assembly       | No |

| Suitable tools |                  |               |
|----------------|------------------|---------------|
| Item number    | Item description | Type of tool  |
| 22544758       | 76_Z-0-4-51      | Crimping dies |
| 22543189       | 76_Z-0-4-1       | Crimping dies |

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