

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

24\_BNC-50-3-37/133\_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       | PFA / PTFE             |                                   |
| 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 GHz ... 2.5 GHz | 32 dB       | 1.052 |

## Mechanical data

|                            |           |
|----------------------------|-----------|
| Weight                     | 0.0175 kg |
| Mating cycles              | 500       |
| Cable entry centre contact | crimped   |
| Cable entry outer contact  | crimped   |

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

24\_BNC-50-3-37/133\_N

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

| Ordering Information Table |                       |                |
|----------------------------|-----------------------|----------------|
| Item number                | Item description      | Packaging type |
| 84057964                   | 24_BNC-50-3-37/133_NE | Single         |

| Suitable cables |                    |
|-----------------|--------------------|
| Cable group     | U7 - 3 mm / 50 Ohm |
| Suitable cables | GX_03272           |
|                 | G_03232            |
|                 | RG_58_C/U          |

| Additional Information |                                   |
|------------------------|-----------------------------------|
| Remarks                | El. Optimized for cable RG 58 C/U |
| Only as assembly       | No                                |

HUBER+SUHNER is certified by ISO 9001, ISO 14001, ISO 45001, IATF 16949, AS/EN 9100 and ISO/TS 22163-IRIS. Waiver: Facts and figures herein are for information only and do not represent any warranty of any kind.  
DOCUMENT PIM-P2662 / Date of publication: 25.11.2023 / uncontrolled copy