

# COAXIAL ADAPTER, N, 50 Ohm, Panel, jack / jack (female / female), flange mount

37\_N-50-0-1/133\_N

## Properties

- Wide range of different configurations
- Most common interfaces available
- Accurate transitions
- Effective and reliable interconnection solutions
- Appropriate materials



| Product configuration |               |                                          |
|-----------------------|---------------|------------------------------------------|
| Interface type        | Gender        | Standard                                 |
| N                     | jack (female) | IEC 61169-16_MIL-STD-348A/304_CECC 22210 |
| N                     | jack (female) | IEC 61169-16_MIL-STD-348A/304_CECC 22210 |

| Interface and material data |                        |                                   |
|-----------------------------|------------------------|-----------------------------------|
| N                           |                        |                                   |
| <b>Piece parts</b>          | <b>Material</b>        | <b>Plating</b>                    |
| Centre contact              | Copper Beryllium Alloy | Gold Plating (Nickel underplated) |
| Outer conductor             | Brass                  | SUCOPLATE (R) Plating             |
| Body                        | Brass                  | SUCOPLATE (R) Plating             |
| Insulator                   | PFA / PTFE             |                                   |
| N                           |                        |                                   |
| <b>Piece parts</b>          | <b>Material</b>        | <b>Plating</b>                    |
| Centre contact              | Copper Beryllium Alloy | Gold Plating (Nickel underplated) |
| Outer conductor             | Brass                  | SUCOPLATE (R) Plating             |
| Body                        | Brass                  | SUCOPLATE (R) Plating             |
| Insulator                   | PFA / PTFE             |                                   |

| Electrical data     |                                                    |
|---------------------|----------------------------------------------------|
| Impedance           | 50 Ω                                               |
| Interface frequency | 11 GHz                                             |
| VSWR                | DC - 12.4 GHz ( $\leq 1.19 + 0.06 f \text{ GHz}$ ) |

| Mechanical data |           |
|-----------------|-----------|
| Weight          | 0.0511 kg |
| Mating cycles   | 500       |

**COAXIAL ADAPTER, N, 50 Ohm, Panel, jack / jack (female / female), flange mount**  
37\_N-50-0-1/133\_N**Environmental data**

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

**Material compliance**

| Item number | Directive / Regulation            | Rating                          | Exemptions / Details |
|-------------|-----------------------------------|---------------------------------|----------------------|
| 22542437    | 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 |
|-------------|--------------------|----------------|
| 22542437    | 37_N-50-0-1/133_NE | Single         |

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