

COAXIAL ADAPTER, N-precision, 50 Ohm, plug / jack (male / female)  
33\_N-50-0-52/199\_U

**Properties**

- Precision interfaces
- Excellent electrical performance
- Premium base materials and platings



| Product configuration |               |                                          |
|-----------------------|---------------|------------------------------------------|
| Interface type        | Gender        | Standard                                 |
| N-precision           | plug (male)   | IEC 60169-16_MIL-STD-348A/402_CECC 22210 |
| N-precision           | jack (female) | IEC 60169-16_MIL-STD-348A/402_CECC 22210 |

| Interface and material data |                             |                                            |
|-----------------------------|-----------------------------|--------------------------------------------|
| N-precision                 |                             |                                            |
| Piece parts                 | Material                    | Plating                                    |
| Centre contact              | Copper Beryllium Alloy      | Gold Plating (without Nickel underplating) |
| Outer conductor             | Stainless steel             |                                            |
| Body                        | Stainless steel             |                                            |
| Insulator                   | Air Dielectric - Bead - PPH |                                            |
| Coupling nut                | Stainless steel             |                                            |
| N-precision                 |                             |                                            |
| Piece parts                 | Material                    | Plating                                    |
| Centre contact              | Copper Beryllium Alloy      | Gold Plating (without Nickel underplating) |
| Outer conductor             | Stainless steel             |                                            |
| Body                        | Stainless steel             |                                            |
| Insulator                   | Air Dielectric - Bead - PPH |                                            |

| Electrical data     |                                   |
|---------------------|-----------------------------------|
| Impedance           | 50 Ω                              |
| Interface frequency | 18 GHz                            |
| VSWR                | DC - 18 GHz (≤ 1.03 + 0.01 f GHz) |

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| Mechanical data |           |
|-----------------|-----------|
| Weight          | 0.0455 kg |
| Mating cycles   | 500       |

| Environmental data    |                  |
|-----------------------|------------------|
| Operation temperature | -55 °C ... 70 °C |

| Material compliance |                                   |                                 |                      |
|---------------------|-----------------------------------|---------------------------------|----------------------|
| Item number         | Directive / Regulation            | Rating                          | Exemptions / Details |
| 22648921            | 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 |
| 22648921                   | 33_N-50-0-52/199_UE | Single         |

| Additional Information |                                                                       |
|------------------------|-----------------------------------------------------------------------|
| Remarks                | Operating specification acc. IEEE Std 287: temperature 13 °C to 33 °C |

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