

COAXIAL ADAPTER, N-precision - PC7, 50 Ohm, plug / plug (male / male)  
32\_N-PC7-50-1/1--\_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 |
| PC 7                  | plug (male) | IEEE STD 287_ANSI C 16.43                |

| Interface and material data |                             |                                            |
|-----------------------------|-----------------------------|--------------------------------------------|
| N-precision                 |                             |                                            |
| <b>Piece parts</b>          | <b>Material</b>             | <b>Plating</b>                             |
| Centre contact              | Copper Beryllium Alloy      | Gold Plating (without Nickel underplating) |
| Outer conductor             | Stainless steel             |                                            |
| Body                        | Stainless steel             |                                            |
| Insulator                   | Air Dielectric - Bead - PPH |                                            |
| Coupling nut                | Brass                       | SUCOPLATE (R) Plating                      |
| PC 7                        |                             |                                            |
| <b>Piece parts</b>          | <b>Material</b>             | <b>Plating</b>                             |
| Centre contact              | Copper Beryllium Alloy      | Gold Plating (without Nickel underplating) |
| Outer conductor             | Brass                       | Gold Plating (Nickel underplated)          |
| Body                        | Brass                       | Gold Plating (without Nickel underplating) |
| Insulator                   | Air Dielectric - Bead - PPH |                                            |
| Coupling nut                | Brass                       | SUCOPLATE (R) Plating                      |

| Electrical data     |                                    |
|---------------------|------------------------------------|
| Impedance           | 50 Ω                               |
| Interface frequency | 18 GHz                             |
| VSWR                | DC - 18 GHz (≤ 1.02 + 0.002 f GHz) |

## COAXIAL ADAPTER, N-precision - PC7, 50 Ohm, plug / plug (male / male)

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| Mechanical data            |                                   |                                                                       |                      |
|----------------------------|-----------------------------------|-----------------------------------------------------------------------|----------------------|
| Weight                     |                                   | 0.0638 kg                                                             |                      |
| Mating cycles              |                                   | 500                                                                   |                      |
|                            |                                   |                                                                       |                      |
| Environmental data         |                                   |                                                                       |                      |
| Operation temperature      |                                   | -55 °C ... 70 °C                                                      |                      |
|                            |                                   |                                                                       |                      |
| Material compliance        |                                   |                                                                       |                      |
| Item number                | Directive / Regulation            | Rating                                                                | Exemptions / Details |
| 22543571                   | 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       |
| 22543571                   | 32_N-PC7-50-1/1--_UE              |                                                                       | Single               |
|                            |                                   |                                                                       |                      |
| Additional Information     |                                   |                                                                       |                      |
| Remarks                    |                                   | Operating specification acc. IEEE Std 287: temperature 13 °C to 33 °C |                      |

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