

**COAXIAL ADAPTER, N - MCX, 50 Ohm, plug / jack (male / female)**

33\_N-MCX-50-1/1--\_U

**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                     | plug (male)   | IEC 61169-16_MIL-STD-348A/304_CEECC 22210 |
| MCX                   | jack (female) | IEC 60169-36_CEECC 22220                  |

| Interface and material data |                        |                                            |
|-----------------------------|------------------------|--------------------------------------------|
| N                           |                        |                                            |
| <b>Piece parts</b>          | <b>Material</b>        | <b>Plating</b>                             |
| Centre contact              | Copper Beryllium Alloy | Gold Plating (without Nickel underplating) |
| Outer conductor             | Brass                  | SUCOPLATE (R) Plating                      |
| Body                        | Brass                  | SUCOPLATE (R) Plating                      |
| Insulator                   | PFA / PTFE             |                                            |
| Coupling nut                | Brass                  | SUCOPLATE (R) Plating                      |
| Gasket                      | VMQ (Silicone rubber)  |                                            |
| MCX                         |                        |                                            |
| <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 (without Nickel underplating) |
| Body                        | Brass                  | SUCOPLATE (R) Plating                      |
| Insulator                   | PFA / PTFE             |                                            |

| Electrical data     |                                                 |
|---------------------|-------------------------------------------------|
| Impedance           | 50 Ω                                            |
| Interface frequency | 6 GHz                                           |
| VSWR                | DC - 6 GHz ( $\leq 1.03 + 0.03 f \text{ GHz}$ ) |

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| Mechanical data            |                                   |                                 |                      |
|----------------------------|-----------------------------------|---------------------------------|----------------------|
| Weight                     |                                   | 0.0293 kg                       |                      |
| Mating cycles              |                                   | 500                             |                      |
|                            |                                   |                                 |                      |
| Environmental data         |                                   |                                 |                      |
| Operation temperature      |                                   | -55 °C ... 155 °C               |                      |
|                            |                                   |                                 |                      |
| Material compliance        |                                   |                                 |                      |
| Item number                | Directive / Regulation            | Rating                          | Exemptions / Details |
| 22543796                   | 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       |
| 22543796                   | 33_N-MCX-50-1/1--_UE              |                                 | Single               |

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