Excellence in Connectivity Solutions

## Between Series Adaptor <br> 33_SMA-N-50-1/1--_U

## Description

Adaptor plug/jack
SMA plug (male) / N jack (female)

Interface standards
Series SMA - IEC 60169-15_MIL-STD-348A/310_CECC 22110
Series N - IEC 61169-16_MIL-STD-348A/304_CECC 22210


## Technical Data

## Electrical Data

| Impedance | $50 \Omega$ |
| :--- | :--- |
| Interface frequency max. | 18 GHz |
| VSWR | $\mathrm{DC}-12.4 \mathrm{GHz}$ |
|  | $\leq 1.05+0.015 \mathrm{f}(\mathrm{G}$ |
|  |  |
| Mechanical Data | 500 |
| Number of matings <br> Weight | 0.0214 kg |
| Environmental Data |  |
| Operating temperature <br> 2011/65/EU (RoHS) | $-65^{\circ} \mathrm{C}$ to $165^{\circ} \mathrm{C}$ |
|  | compliant |

## Material Data

Interface - SMA plug (male)

| Piece Parts | Material | Surface Plating |
| :--- | :--- | :--- |
| Centre contact | Copper Beryllium Alloy | Gold Plating (without Nickel underplating) |
| Outer contact | Copper Beryllium Alloy | Gold Plating (without Nickel underplating) |
| Body | Copper Beryllium Alloy | Gold Plating (without Nickel underplating) |
| Insulator | PFA / PTFE |  |
| Coupling nut | Bronze | Gold Plating (without Nickel underplating) |
| Gasket | VMQ (Silicone rubber) |  |
| Interface - N jack (female) |  | Surface Plating |
| Piece Parts | Material | Gold Plating (without Nickel underplating) |
| Centre contact | Copper Beryllium Alloy | SUCOPLATE (R) Plating |
| Outer contact | Brass | SUCOPLATE (R) Plating |
| Body | Brass |  |
| Insulator | PFA / PTFE |  |

## Related Documents

Catalogue drawing
DCA-00014248

## Ordering Information

Single package
33_SMA-N-50-1/1--_UE

Waiver: It is exclusively in written agreements that we provide our customers with warrants and representations as to the technical specifications and/or the fitness for any particular purpose. The facts and figures contained herein are carefully compiled to the best of our knowledge, but they are intended for general information purposes only.

