## Within Series Adaptor <br> 33_N-Q50-0-4/133_N

## Description

Adaptor plug/jack
N Quick-mate plug (male) / N jack (female)
Quick-mate coupling mechanism, pluggable without tightening
For Test \& Measurement applications
Interface standards
Series N Quick-mate - HUBER+SUHNER Quick-mate
Series N - IEC 61169-16_MIL-STD-348A/304_CECC 22210
Technical Data

## Electrical Data

| Impedance | $50 \Omega$ |  |
| :--- | :--- | :--- |
| Interface frequency max. | 11 GHz | 5 to 8 GHz |
| Frequency range | DC to 5 GHz | $\geq 20.1 \mathrm{~dB}$ |
| Return loss | $\geq 29.4 \mathrm{~dB}$ |  |
|  |  |  |
| Mechanical Data |  |  |
| Number of matings <br> Weight | 500 |  |
|  | 0.0372 kg |  |
| Environmental Data |  |  |
| Operating temperature $-65^{\circ} \mathrm{C}$ to $165^{\circ} \mathrm{C}$ |  |  |
| 2011/65/EU (RoHS) | compliant |  |

## Material Data

Interface - N Quick-mate plug (male)

| Piece Parts | Material | Surface Plating |
| :---: | :---: | :---: |
| Centre contact | Copper Beryllium Alloy | SUCOPRO Plating |
| Outer contact | Brass | SUCOPLATE (R) Plating |
| Body | Brass | SUCOPLATE (R) Plating |
| Insulator | PFA / PTFE |  |
| Interface - N jack (female) |  |  |
| Piece Parts | Material | Surface Plating |
| Centre contact | Copper Beryllium Alloy | SUCOPRO Plating |
| Outer contact | Brass | SUCOPLATE (R) Plating |
| Body | Brass | SUCOPLATE (R) Plating |
| Insulator | PFA / PTFE |  |

## Related Documents

## Outline drawing Ordering Information

Single package 33_N-Q50-0-4/133_NE

## Remarks

Durability of QUICK MATE interface: 1000 matings

[^0] 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.


[^0]:    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

