## **Data Sheet**

# Within Series Adaptor 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 Ω		
Interface frequency max.	11 GHz		
Frequency range	DC to 5 GHz	5 to 8 GHz	8 to 11 GHz
Return loss	≥ 29.4 dB	≥ 20.1 dB	≥ 16.5 dB
Mechanical Data			
Number of matings	500		
Weight	0.0372 kg		
Environmental Data			
Operating temperature	-65 °C to 165 °C		
2011/65/EU (RoHS)	compliant		
Material Data			
Interface - N Quick-mate plug (male)			
interface in Quick mate plug (male)			
Piece Parts	Material		Surface Plating
	<b>Material</b> Copper Beryllium Alloy		Surface Plating SUCOPRO Plating
Piece Parts			•
Piece Parts Centre contact	Copper Beryllium Alloy		SUCOPRO Plating
Piece Parts       Centre contact       Outer contact	Copper Beryllium Alloy Brass		SUCOPRO Plating SUCOPLATE (R) Plating
Piece Parts       Centre contact       Outer contact       Body	Copper Beryllium Alloy Brass Brass		SUCOPRO Plating SUCOPLATE (R) Plating
Piece Parts       Centre contact       Outer contact       Body       Insulator	Copper Beryllium Alloy Brass Brass		SUCOPRO Plating SUCOPLATE (R) Plating
Piece Parts       Centre contact       Outer contact       Body       Insulator       Interface - N jack (female)	Copper Beryllium Alloy Brass Brass PFA / PTFE		SUCOPRO Plating SUCOPLATE (R) Plating SUCOPLATE (R) Plating
Piece Parts       Centre contact       Outer contact       Body       Insulator       Interface - N jack (female)       Piece Parts	Copper Beryllium Alloy Brass Brass PFA / PTFE Material		SUCOPRO Plating SUCOPLATE (R) Plating SUCOPLATE (R) Plating Surface Plating
Piece Parts         Centre contact         Outer contact         Body         Insulator         Interface - N jack (female)         Piece Parts         Centre contact	Copper Beryllium Alloy Brass Brass PFA / PTFE Material Copper Beryllium Alloy		SUCOPRO Plating SUCOPLATE (R) Plating SUCOPLATE (R) Plating SUCOPLATE (R) Plating

### **Related Documents**

Outline drawing

DOU-00013724

#### **Ordering Information**

Single package

33\_N-Q50-0-4/133\_NE

#### **Remarks**

Durability of QUICK MATE interface: 1000 matings

HUBER+SUHNER is certified according to ISO 9001, ISO 14001, ISO/TS 16949 and IRIS

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