

## Within Series Adaptor 33\_N-Q50-0-14/13-\_N

### Description

Adaptor plug/jack  
N plug (male) / N Quick-mate jack (female)

Quick-mate coupling mechanism, pluggable without tightening  
For Test & Measurement applications

Interface standards  
Series N - IEC 61169-16\_MIL-STD-348A/304\_CECC 22210  
Series N Quick-mate - HUBER+SUHNER Quick-mate



### Technical Data

#### Electrical Data

Impedance	50 Ω	
Interface frequency max.	11 GHz	
Frequency range	DC to 4 GHz	4 to 8 GHz
Return loss	≥ 24 dB	≥ 20 dB

#### Mechanical Data

Number of matings	500
Weight	0.0427 kg

#### Environmental Data

Operating temperature	-65 °C to 165 °C
2011/65/EU (RoHS - including 2015/863 and 2017/2102)	compliant

#### Material Data

Interface - N plug (male)

Piece Parts	Material	Surface Plating
Centre contact	Copper Beryllium Alloy	SUCOPRO Plating
Outer contact	Brass	SUCOPLATE (R) / SUCOPRO Plating
Body	Brass	SUCOPLATE (R) / SUCOPRO Plating
Insulator	PFA / PTFE	
Coupling nut	Brass	SUCOPLATE (R) Plating
Gasket	VMQ (Silicone rubber)	

Interface - N Quick-mate jack (female)

Piece Parts	Material	Surface Plating
Centre contact	Copper Beryllium Alloy	SUCOPRO Plating
Outer contact	Brass	SUCOPLATE (R) / SUCOPRO Plating
Body	Brass	SUCOPLATE (R) / SUCOPRO Plating
Insulator	PFA / PTFE	

### Related Documents

Outline drawing	DOU-00013719
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### Ordering Information

Single package	33_N-Q50-0-14/13-_NE
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### Remarks

Durability of QUICK MATE interface: 5000 matings

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