

## 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 $\Omega$		
Interface frequency max.	11 GHz		
Frequency range	DC to 5 GHz	5 to 8 GHz	8 to 11 GHz
Return loss	$\geq 29.4$ dB	$\geq 20.1$ dB	$\geq 16.5$ dB

#### Mechanical Data

Number of matings	500
Weight	0.0372 kg

#### Environmental Data

Operating temperature	-65 °C to 165 °C
2011/65/EU (RoHS - including 2015/863 and 2017/2102)	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	DOU-00013724
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### Ordering Information

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

Durability of QUICK MATE interface: 1000 matings