

## Within Series Adaptor 33\_SMA-Q50-0-4/1-9\_N

### Description

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

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

Interface standards  
Series SMA Quick-mate - HUBER+SUHNER Quick-mate  
Series SMA - IEC 60169-15\_MIL-STD-348A/310\_CECC 22110



### Technical Data

#### Electrical Data

Impedance	50 $\Omega$	
Interface frequency max.	18 GHz	
Frequency range	DC to 5.5 GHz	5.5 to 18 GHz
Return loss	$\geq 29.4$ dB	$\geq 18.2$ dB

#### Mechanical Data

Number of matings	500
Weight	0.0044 kg

#### Environmental Data

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

#### Material Data

Interface - SMA Quick-mate plug (male)

Piece Parts	Material	Surface Plating
Centre contact	Copper Beryllium Alloy	SUCOPRO Plating
Outer contact	Copper Beryllium Alloy	SUCOPRO Plating
Body	Stainless Steel	
Insulator	PFA / PTFE	

Interface - SMA jack (female)

Piece Parts	Material	Surface Plating
Centre contact	Copper Beryllium Alloy	SUCOPRO Plating
Outer contact	Copper Beryllium Alloy	SUCOPRO Plating
Body	Stainless Steel	
Insulator	PFA / PTFE	

### Related Documents

Outline drawing	DOU-00013650
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### Ordering Information

Single package	33_SMA-Q50-0-4/1-9_NE
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### Remarks

Return loss typical 20.1 dB / 1:22 VSWR from 5.5 GHz to 16 GHz  
Durability of QUICK MATE interface: 1000 matings

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