

## 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 Ω	
Interface frequency max.	18 GHz	
Frequency range	DC to 7.5 GHz	7.5 to 18 GHz
Return loss	≥ 29.4 dB	≥ 18.2 dB

#### Mechanical Data

Number of matings	500
Weight	0.0044 kg

#### Environmental Data

Operating temperature	-65 °C to 165 °C
2011/65/EC (RoHS)	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 from 7.5 GHz to 16 GHz  
Durability of QUICK MATE interface: 1000 matings