Data Sheet

HUBER+SUHNER

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 5.5 GHz	5.5 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/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

Ordering Information

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

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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Waiver: Fact and figures herein are for information only and do not represent any warranty of any kind.