# **Data Sheet**



# Within Series Adaptor 33\_SMA-50-0-52/199\_N

## **Description**

Adaptor plug/jack

SMA plug (male) / SMA jack (female)

For Test & Measurement applications

Quick-screw coupling mechanism, with reduced number of turns

Interface standard

Series SMA - IEC 60169-15\_MIL-STD-348A/310\_CECC 22110



#### **Technical Data**

**Electrical Data** 

 $\begin{array}{lll} \mbox{Impedance} & 50 \ \Omega \\ \mbox{Interface frequency max.} & 18 \ \mbox{GHz} \\ \mbox{VSWR} & \mbox{DC - 18 \ GHz} \end{array}$ 

≤ 1.05 + 0.008 f (GHz)

**Mechanical Data** 

Number of matings 500
Weight 0.0059 kg

**Environmental Data** 

Operating temperature -65 °C to 125 °C 2011/65/EU (RoHS - including 2015/863 and 2017/2102) compliant

**Material Data** 

Interface - SMA plug (male)

Piece Parts	Material	Surface Plating
Centre contact	Copper Beryllium Alloy	Gold Plating (Nickel underplated)
Outer contact	Stainless Steel	
Body	Stainless Steel	
Insulator	PFA / PTFE	
Coupling nut	Stainless Steel	

### Interface - SMA jack (female)

Piece Parts	Material	Surface Plating
Centre contact	Copper Beryllium Alloy	Gold Plating (Nickel underplated)
Outer contact	Stainless Steel	
Body	Stainless Steel	
Insulator	PFA / PTFE	

#### **Related Documents**

Outline drawing DOU-00013739

## **Ordering Information**

Single package 33\_SMA-50-0-52/199\_NE

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