### **Data Sheet**

# HUBER+SUHNER Excellence in Connectivity Solutions

## Within Series Adaptor 33\_SMA-50-0-51/199\_N

#### **Description**

Adaptor plug/jack SMA plug (male) / SMA jack (female)

Interface standard
Series SMA - IEC 60169-15 MIL-STD-348A/310 CECC 22110



#### **Technical Data**

**Electrical Data** 

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

≤ 1.05 + 0.008 f (GHz)

**Mechanical Data** 

Number of matings 500
Weight 0.0051 kg

**Environmental Data** 

Operating temperature -65 °C to 125 °C 2011/65/EU (RoHS) 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	
Gasket	VMQ (Silicone rubber)	

#### 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-00013738

#### **Ordering Information**

Single package 33\_SMA-50-0-51/199\_NE

HUBER+SUHNER is certified according to ISO 9001, ISO 14001, ISO/TS 16949 and IRIS

www.hubersuhner.com

Waiver: It is exclusively in written agreements that we provide our customers with warrants and representations as to the technical specifications and/or the fitness for any particular purpose. The facts and figures contained herein are carefully compiled to the best of our knowledge, but they are intended for general information purposes only.