### **Data Sheet**

# 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**

Impedance	50 Ω
Interface frequency max.	18 GHz
VSWR	DC - 18 GHz ≤ 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 - 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	
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.



## HUBER+SUHNER