# **Data Sheet**

# Within Series Adaptor 53\_SMA-50-0-51/199\_N

#### **Description**

L-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 Interface frequency max. VSWR	50 Ω 18 GHz DC - 14 GHz ≤ 1.02 + 0.03 f (GHz)
<b>Mechanical Data</b> Number of matings Weight	500 0.0051 kg
Environmental Data Operating temperature 2011/65/EU (RoHS)	-65 °C to 165 °C not 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	Passivated (Plating)
Body	Stainless Steel	Passivated (Plating)
Insulator	PFA / PTFE	
Coupling nut	Stainless Steel	Passivated (Plating)
Gasket	VMQ (Silicone rubber)	
Gasket Interface - SMA jack (female) Piece Parts	VMQ (Silicone rubber) Material	Surface Plating
Interface - SMA jack (female) Piece Parts		Surface Plating Gold Plating (Nickel underplated)
Interface - SMA jack (female)	Material	•
Interface - SMA jack (female) Piece Parts Centre contact	Material Copper Beryllium Alloy	Gold Plating (Nickel underplated)

### **Related Documents**

Catalogue drawing

DCA-00013411

## **Ordering Information**

Single package

53\_SMA-50-0-51/199\_NE

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