# **Data Sheet**

# Within Series Adaptor 32\_SMA-50-0-1/111\_N



## **Description**

Adaptor plug/plug SMA plug (male) / SMA plug (male)

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



## **Technical Data**

#### **Electrical Data**

 $\begin{tabular}{ll} Impedance & 50 $\Omega$ \\ Interface frequency max. & 18 $GHz$ \\ VSWR & DC - 18 $GHz$ \\ $\leq 1.05 + 0.005 $f $(GHz)$ \\ \end{tabular}$ 

Electrical length 26.1 mm

#### **Mechanical Data**

Number of matings 500
Weight 0.0058 kg

#### **Environmental Data**

Operating temperature -65 °C to 165 °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	Copper Beryllium Alloy	Gold Plating (Nickel underplated)
Body	Copper Beryllium Alloy	Gold Plating (Nickel underplated)
Insulator	PFA / PTFE	
Coupling nut	Bronze	Gold Plating (Nickel underplated)
Gasket	VMQ (Silicone rubber)	

### Interface - SMA plug (male)

Piece Parts	Material	Surface Plating
Centre contact	Copper Beryllium Alloy	Gold Plating (Nickel underplated)
Outer contact	Copper Beryllium Alloy	Gold Plating (Nickel underplated)
Body	Copper Beryllium Alloy	Gold Plating (Nickel underplated)
Insulator	PFA / PTFE	
Coupling nut	Bronze	Gold Plating (Nickel underplated)
Gasket	VMQ (Silicone rubber)	

## **Related Documents**

Catalogue drawing DCA-00013690

## **Ordering Information**

Single package 32\_SMA-50-0-1/111\_NE

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