# **Data Sheet**



# Within Series Adaptor 53\_TNC-50-0-1/133\_N

### **Description**

L-adaptor plug/jack

TNC plug (male) / TNC jack (female)

Interface standard

Series TNC - IEC 60169-17\_MIL-STD-348A/313\_CECC 22200



#### **Technical Data**

**Electrical Data** 

 $\begin{array}{ll} \mbox{Impedance} & \mbox{50 } \Omega \\ \mbox{Interface frequency max.} & \mbox{11 GHz} \\ \mbox{VSWR} & \mbox{DC - 5 GHz} \end{array}$ 

≤ 1.03 + 0.11 f (GHz)

Frequency range 5 to 11 GHz
Return loss ≥ 13 dB

**Mechanical Data** 

Number of matings 500
Weight 0.0206 kg

**Environmental Data** 

Operating temperature 2011/65/EU (RoHS - including 2015/863 and 2017/2102) -65 °C to 165 °C compliant

## **Material Data**

Interface - TNC plug (male)

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

## Interface - TNC jack (female)

Piece Parts	Material	Surface Plating
Centre contact	Copper Beryllium / Brass	Gold Plating (Nickel underplated)
Outer contact	Brass	SUCOPLATE (R) Plating
Body	Brass	SUCOPLATE (R) Plating
Insulator	PFA / PTFE	

#### **Related Documents**

Outline drawing DOU-00013415

#### Ordering Information

Single package 53\_TNC-50-0-1/133\_NE

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