Data Sheet

HUBER+SUHNER Excellence in Connectivity Solutions

Between Series Adaptor 33_TNC-SMA-50-1/1--_U

Description

Adaptor plug/jack

TNC plug (male) / SMA jack (female)

Interface standards

Series TNC - IEC 60169-17_MIL-STD-348A/313_CECC 22200 Series SMA - IEC 60169-15_MIL-STD-348A/310_CECC 22110



Technical Data

Electrical Data

 $\begin{array}{ll} \text{Impedance} & \quad \ \, 50~\Omega \\ \text{Interface frequency max.} & \quad \ \, 11~\text{GHz} \end{array}$

Frequency range DC to 4 GHz 4 to 8 GHz 8 to 11 GHz Return loss \geq 26.4 dB \geq 20.8 dB \geq 17.7 dB

Mechanical Data

Number of matings 500
Weight 0.0147 kg

Environmental Data

Operating temperature -65 °C to 165 °C 2011/65/EU (RoHS) compliant

Material Data

Interface - TNC plug (male)

Piece Parts	Material	Surface Plating
Centre contact	Copper Beryllium Alloy	Gold Plating (without Nickel underplating)
Outer contact	Brass	SUCOPLATE (R) Plating
Body	Brass	SUCOPLATE (R) Plating
Insulator	PTFE (Polytetrafluoroethylene)	
Coupling nut	Brass	SUCOPLATE (R) Plating
Gasket	VMQ (Silicone rubber)	

Interface - SMA jack (female)

Piece Parts	Material	Surface Plating
Centre contact	Copper Beryllium Alloy	Gold Plating (without Nickel underplating)
Outer contact	Copper Beryllium Alloy	Gold Plating (without Nickel underplating)
Body	Copper Beryllium Alloy	Gold Plating (without Nickel underplating)
Insulator	PTFE (Polytetrafluoroethylene)	

Related Documents

Catalogue drawing DCA-00014207

Ordering Information

Single package 33_TNC-SMA-50-1/1--_UE

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

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