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)
Mechanical Data 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

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

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