Data Sheet

Between Series Adaptor
32_PC7-SMA-50-1/---_U

Description



Adaptor plug/plug
PC 7 plug (male) / SMA-precision plug (male)

For Test & Measurement applications
Precision adaptor

Interface standards
Series PC 7 - IEEE STD 287_ANSI C 16.43
Series SMA-precision - IEC 60169-15_MIL-STD-348A/405_CECC 22110

Technical Data

Electrical Data

Impedance	50 Ω
Interface frequency max.	18 GHz
VSWR	DC - 18 GHz ≤ 1.025 + 0.002 f (GHz)
Electrical length	37.46 mm

Mechanical Data

Number of matings	500
Weight	0.0411 kg

Environmental Data

Operating temperature	-55 °C to 70 °C
2011/65/EC (RoHS)	compliant

Material Data

Interface - PC 7 plug (male)

Piece Parts	Material	Surface Plating
Centre contact	Copper Beryllium Alloy	Gold Plating (without Nickel underplating)
Outer contact	Brass	Gold Plating (without Nickel underplating)
Body	Brass	Gold Plating (without Nickel underplating)
Insulator	Air Dielectric - Bead - PPH	
Coupling nut	Brass	SUCOPLATE (R) Plating

Interface - SMA-precision plug (male)

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	PFA / PTFE	
Coupling nut	Bronze	Gold Plating (without Nickel underplating)
Gasket	VMQ (Silicone rubber)	

Related Documents

Catalogue drawing	DCA-00014451

Ordering Information

Single package	32_PC7-SMA-50-1/---_UE

Remarks

Operating specification acc. IEEE Std 287: temperature 13 °C to 33 °C

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Waiver: Fact and figures herein are for information only and do not represent any warranty of any kind.