DATA SHEET

COAXIAL ADAPTER, N-precision - SMA, 50 Ohm, plug / plug (male / male)

32_N-SMA-50-51/1--_N

Properties

- Precision interfaces
- Excellent electrical performance
- Premium base materials and platings

Product configuration		
Interface type	Gender	Standard
N-precision	plug (male)	IEC 60169-16_MIL-STD-348A/402_CECC 22210
SMA-precision	plug (male)	IEC 60169-15_MIL-STD-348A/405_CECC 22110

Interface and material data		
N-precision		
Piece parts	**Material**	**Plating**
Centre contact	Copper Beryllium Alloy	Gold Plating (Nickel underplated)
Outer conductor	Stainless steel	
Body	Stainless steel	
Insulator	Air Dielectric - Bead - PPH	
Coupling nut	Brass	SUCOPLATE (R) Plating
SMA-precision		
Piece parts	**Material**	**Plating**
Centre contact	Copper Beryllium Alloy	Gold Plating (Nickel underplated)
Outer conductor	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)	

Electrical data	
Impedance	50 Ω
Interface frequency	18 GHz
VSWR	DC - 18 GHz (≤ 1.025 + 0.007 f GHz)

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Mechanical data	
Weight	0.0436 kg
Mating cycles	500

Environmental data	
Operation temperature	-55 °C ... 70 °C

Material compliance			
Item number	Directive / Regulation	Rating	Exemptions / Details
22660179	RoHS 2011/65/EU and (EU) 2015/863	Compliant with exemption	6c
	REACH 1907/2006 Article 33 SVHC	Contains one or more SVHC >0,1%	CAS: 7439-92-1 Lead

Ordering Information Table		
Item number	Item description	Packaging type
22660179	32_N-SMA-50-51/1--_NE	Single

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

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