

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

33\_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	jack (female)	IEC 60169-15_MIL-STD-348A/405_CECC 22110

Interface and material data		
N-precision		
<b>Piece parts</b>	<b>Material</b>	<b>Plating</b>
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		
<b>Piece parts</b>	<b>Material</b>	<b>Plating</b>
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	Air Dielectric - Bead - PPH	

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

Mechanical data	
Weight	0.0417 kg
Mating cycles	500

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

Ordering Information Table		
Item number	Item description	Packaging type
22660180	33_N-SMA-50-51/1--_NE	Single

Additional Information	
Remarks	Operating specification acc. IEEE Std 287: temperature 13 °C to 33 °C Insertion loss: &lt; 0.06 dB up to 18 GHz

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