

## Within Series Adaptor 33\_N-50-0-52/199\_U

### Description

Adaptor plug/jack  
N-precision plug (male) / N-precision jack (female)

For Test & Measurement applications  
Quick-screw coupling mechanism, with reduced number of turns  
Precision adaptor



Interface standard  
Series N-precision - IEC 60169-16\_MIL-STD-348A/402\_CECC 22210

### Technical Data

#### Electrical Data

Impedance	50 Ω
Interface frequency max.	18 GHz
VSWR	DC - 18 GHz ≤ 1.03 + 0.01 f (GHz)
Electrical length	35.62 mm

#### Mechanical Data

Number of matings	500
Weight	0.0455 kg

#### Environmental Data

Operating temperature	-55 °C to 70 °C
2011/65/EU (RoHS - including 2015/863 and 2017/2102)	compliant

#### Material Data

Interface - N-precision plug (male)

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

Interface - N-precision jack (female)

Piece Parts	Material	Surface Plating
Centre contact	Copper Beryllium Alloy	Gold Plating (without Nickel underplating)
Outer contact	Stainless Steel	
Body	Stainless Steel	
Insulator	Air Dielectric - Bead - PPH	

### Related Documents

Outline drawing	DOU-00013715
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### Ordering Information

Single package	33_N-50-0-52/199_UE
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### Remarks

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

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