

## Within Series Adaptor 53\_N-50-0-4/133\_N

### Description

L-adaptor plug/jack  
N plug (male) / N jack (female)



Interface standard  
Series N - IEC 61169-16\_MIL-STD-348A/304\_CECC 22210

### Technical Data

#### Electrical Data

Impedance	50 $\Omega$		
Interface frequency max.	11 GHz		
Frequency range	DC to 2 GHz	2 to 6 GHz	6 to 8 GHz
Return loss	$\geq 28$ dB	$\geq 20$ dB	$\geq 18$ dB

#### Mechanical Data

Number of matings	500
Weight	0.0631 kg

#### Environmental Data

Operating temperature 2011/65/EU (RoHS - including 2015/863 and 2017/2102)	-65 °C to 165 °C compliant
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#### Material Data

Interface - N plug (male)

Piece Parts	Material	Surface Plating
Centre contact	Copper Beryllium Alloy	Gold Plating (Nickel underplated)
Outer contact	Brass	SUCOPLATE (R) Plating
Body	Brass	SUCOPLATE (R) Plating
Insulator	PFA / PTFE	
Coupling nut	Brass	SUCOPLATE (R) Plating
Gasket	VMQ (Silicone rubber)	

Interface - N jack (female)

Piece Parts	Material	Surface Plating
Centre contact	Copper Beryllium Alloy	Gold Plating (Nickel underplated)
Outer contact	Brass	SUCOPLATE (R) Plating
Body	Brass	SUCOPLATE (R) Plating
Insulator	PFA / PTFE	

### Related Documents

Outline drawing	DOU-00013400
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### Ordering Information

Single package	53_N-50-0-4/133_NE
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